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Result
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Maximum Match 100%
Listing first 45 summaries
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Maximum DB
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Scoring table:
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                                                                                                                                                                                                                                                                                                                                 Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.
                                                             105.5
                                                                                                                                                                                                                                     Score
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     seq length: 0 seq length: 2000000000
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108
108
108
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1: /cgn2 6/ptodata/2/pubpaa/US07 PUBCOMB.pep:*

2: /cgn2 6/ptodata/2/pubpaa/PCT NEW PUB.pep:*

3: /cgn2 6/ptodata/2/pubpaa/US06 NEW PUB.pep:*

4: /cgn2 6/ptodata/2/pubpaa/US06 PUBCOMB.pep:*

5: /cgn2 6/ptodata/2/pubpaa/US07 NEW PUB.pep:*

6: /cgn2 6/ptodata/2/pubpaa/US07 NEW PUB.pep:*

6: /cgn2 6/ptodata/2/pubpaa/US08 NEW PUB.pep:*

9: /cgn2 6/ptodata/2/pubpaa/US08 PUBCOMB.pep:*

9: /cgn2 6/ptodata/2/pubpaa/US08 PUBCOMB.pep:*

9: /cgn2 6/ptodata/2/pubpaa/US08 PUBCOMB.pep:*
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Match
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Gapop 10.0 , Gapext 0.5
        100.0
65.1
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63.6
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Copyright (c) 1993 - 2005 Compugen
                                                                                                                                                                                                                                                                                                                                                                                                        / Cgm2_6/ptodata/2/pubpaa/US09E_PUBCOMB.pep:*
/ Cgm2_6/ptodata/2/pubpaa/US09E_PUBCOMB.pep:*
/ Cgm2_6/ptodata/2/pubpaa/US09E_PUBCOMB.pep:*
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/ Cgm2_6/ptodata/2/pubpaa/US11_NEW_PUB.pep:*
/ Cgm2_6/ptodata/2/pubpaa/US11_NEW_PUB.pep:*
/ Cgm2_6/ptodata/2/pubpaa/US10E_PUBCOMB.pep:*
/ Cgm2_6/ptodata/2/pubpaa/US10E_PUBCOMB.pep:*
/ Cgm2_6/ptodata/2/pubpaa/US10E_PUBCOMB.pep:*
                                                                                                                                                                                                                                       Length
        BB
                    US-09-816-989A-1
VS-09-816-989A-2
VS-09-816-989A-2
VS-09-816-989A-6
VS-09-816-989A-6
VS-09-816-989A-4
VS-09-816-989A-4
VS-09-816-989A-7
VS-09-816-989A-7
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VS-09-816-989A-7
VS-09-816-989A-7
VS-09-816-989A-7
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Sequence 4, Appli
Sequence 7, Appli
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Sequence 3, Appli
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	-10-767-701	09-919-497-	-44	10-177-725	-761-999	US-10-282-122A-56483	US-09-738-626-5751	σ	49	-10-767-701-60	-10-282-12	-10-282-122A-6	-10-393-449-6	US-10-393-449-15	-10-177-725-6	US-10-177-725-15	-10-393-449	-10-393-449	-10-393-449	-10-393-449	0-177-729	-10-	-10-177-729	177-729	-10-467-421	-09-820-8	-10-282-1	-10-127-0	-10-282-122A-6	US-10-282-122A-53988	-10-741-84	-792-311-	09-816-989A-	US-10-792-311-3
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Query Match 100.0%; Score 166; DB 9; Length 35; Best Local Similarity 100.0%; Pred. No. 2e-11; Matches 35; Conservative 0; Mismatches 0; Indels 0; Gaps 0;  Qy 1 AKKYAKKEKAAKKAYKKEAKAKAAEAAAKEAAYEA 35	INESULT 1   INS-09-816-989A-1   INS-09-816-989A-1   INS-09-816-989A-1   INS-09-816-989A-1   INS-09-816-989A   Sequence 1, Application US/09816989A   Sequence 1, Application US20020115103A1   Sequence 1, Applicant
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CURRENT APPLICATION NUMBER: US/10/792,311
CURRENT FILING DATE: 2004-03-02
PRIOR APPLICATION NUMBER: US/09/816,989
PRIOR FILING DATE: 2001-03-23
PRIOR APPLICATION NUMBER: 60/101,693
PRIOR TILING DATE: 1998-09-25
PRIOR APPLICATION NUMBER: PCT/US99/22402
PRIOR FILING DATE: 1999-09-24
                                                                                                                                                                                                                                                                           SOFTWARE: PatentIn version 3.1
SEQ ID NO 2
LENGTH: 45
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SEQ ID NO 1
LENGTH: 35
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                                                                                                                             Query Match
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                                                                                                                                                                                                                                                                                                                                                          TITLE OF INVENTION: COPOLYMER 1 RELATED POLYPEPTIDES FOR USE AS MOLECULAR WEIGHT MARK TITLE OF INVENTION: AND FOR THERAPEUTIC USE FILE REFERENCE: 2609/60807-A-PCT-US CURRENT APPLICATION NUMBER: US/09/816,989A CURRENT FILING DATE: 2001-03-23 PRIOR APPLICATION NUMBER: 60/101,693 PRIOR APPLICATION NUMBER: 60/101,693 PRIOR FILING DATE: 1998-09-25 PRIOR APPLICATION NUMBER: 60/101,693 PRIOR FILING DATE: 1999-09-24
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TITLE OF INVENTION: COPOLYMER 1 RELATED POLYPEPTIDES FOR USE AS MOLECULAR WEIGHT MARK
TITLE OF INVENTION: AND FOR THERAPEUTIC USE
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  APPLICANT: Gad, Alexander APPLICANT: Lis, Doris
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                                                                                                                                                                                                                                                                                                                                             NUMBER OF SEQ ID NOS:
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                                                                                                                                                                                                                                                         TYPE: PRT
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                                                                                                                                                                                         OTHER INFORMATION: Description of Artificial Sequence: Synthetic Peptide
                                                                                                          Local Similarity
                                                                                 29;
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                                       AKKYAKKEKA--AKKAYK-----KEAKAKAAEAAAKEAAYEA 35
AKKYAKKAKAEKAKKAYKAAEAKKAAKYEKAAAEKAAAKEAAYEA 45
                                                                                 Conservative
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Pred. No. 2e-11;
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PRIOR APPLICATION NUMBER: 60/101,693
PRIOR FILING DATE: 1998-09-25
PRIOR APPLICATION NUMBER: PCT/US99/22402
PRIOR FILING DATE: 1999-09-24
NUMBER OF SEQ ID NOS: 7
SOFTWARE: Patentin version 3.1
SEQ ID NO 2
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Sequence 6, Application US/09816989A Patent No. US20020115103A1 GENERAL INFORMATION:
                                                                                      Matches
                                                                                                                           Query Match
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Best Local Similarity
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TITLE OF INVENTION: COPOLYMER 1 RELATED POLYPEPTIDES
TITLE OF INVENTION: AND FOR THERAPEUTIC USE
FILE REFERENCE: 2609/60807-A-PCT-US
CURRENT APPLICATION NUMBER: US/09/816,989A
CURRENT FILING DATE: 2001-03-23
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APPLICANT: Lis, Doris
TITLE OF INVENTION: COPOLYMER 1 RELATED POLYPEPTIDES FOR USE AS MOLECULAR WEIGHT MARKE
TITLE OF INVENTION: AND FOR THERAPEUTIC USE
TLE REFERENCE: 2609/60807-A-PCT-US
CURRENT APPLICATION NUMBER: US/10/792,311
CURRENT FILING DATE: 2004-03-02
PRIOR APPLICATION NUMBER: US/09/816,989
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PRIOR APPLICATION NUMBER: PCT/US99/22402
PRIOR FILING DATE: 1999-09-24
NUMBER OF SEQ ID NOS: 7
NUMBER OF SEQ ID NOS: 7
                                                                                                                                                                                                                                                                                                                                                                                                        PRIOR APPLICATION NUMBER: 60/101,693 PRIOR FILING DATE: 1998-09-25
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        APPLICANT: Gad, Alexander APPLICANT: Lis, Doris
                                                                                                                                                                                                          TYPE: PRT
ORGANISM: Artificial Sequence
FEATURE:
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ORGANISM: Artificial Sequence
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                                                                                                         Similarity
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                                       AKKYAKKEKAAKKAY-----
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                                                                                                     65.1%;
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Pred. No. 5.7e-05;
                                                                                 Score 108; DB 9; Pred. No. 0.00011; 2; Mismatches 6
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                                     ----ККЕАКАКААЕАААКЕААҮЕА 35
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TITLE OF INVENTION: COPOLYMER 1 RELATED POLYPEPTIDES FOR TITLES OF INVENTION: AND FOR THERAPEUTIC USE FILE REFERENCE: 2609/6807-A-PCT-US CURRENT APPLICATION NUMBER: US/10/792,311 CURRENT FILING DATE: 2004-03-02 PRIOR APPLICATION NUMBER: US/9/816,989 PRIOR FILING DATE: 2001-03-23 PRIOR PILING DATE: 2001-03-23 PRIOR APPLICATION NUMBER: 60/101,693 PRIOR APPLICATION NUMBER: 60/101,693 PRIOR APPLICATION NUMBER: PCT/US99/22402 PRIOR FILING DATE: 1998-09-25 PRIOR FILING DATE: 1998-09-24 PRIOR FILING DATE: 1998-09-24
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SOFTWARE: PatentIn version 3.1
SEQ ID NO 6
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NUMBER OF SEQ ID NOS: 7
SOFTWARE: PatentIn version 3.1
SEQ ID NO 4
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ORGANISM: Artificial Sequence
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OTHER INFORMATION: Description of Artificial Sequence:
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EAAYEA 66
                                                                            Application US/09816989A
                                                                                                                                                            Conservative
                                                                                                                                                                           63.6%;
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                                                                                                                                                                             Score 105.5; DB 9
Pred. No. 0.00016;
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Pred. No. 0.00011;
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CURRENT FILING DATE: 2004-03-02
PRIOR APPLICATION NUMBER: US/09/816,989
PRIOR FILING DATE: 2001-03-23
PRIOR APPLICATION NUMBER: 60/101,693
PRIOR FILING DATE: 1998-09-25
PRIOR PILING DATE: 1998-09-25
PRIOR PILING DATE: 1999-09-24
NUMBER OF SEQ ID NOS: 7
SOFTWARE: PatentIn version 3.1
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APPLICANT: Gad, Alexander
APPLICANT: Lis, Doris
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Publication No. US20050038233A1
  Query Match 63.:
Best Local Similarity 62.:
Matches 28; Conservative
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Best Local S
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APPLICANT: Lis, Doris
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TYPE: PRT
ORGANISM: Artificial Sequence
FEATURE:
                                                                                                                                                                   LENGTH: 10
TYPE: PRT
                                                                                                                         ORGANISM: Artificial Sequence FEATURE:
                                                                                                       OTHER INFORMATION: Description of Artificial Sequence: Synthetic Peptide
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63.3%; Score 105; DB 9; 62.2%; Pred. No. 0.0003; tive 2; Mismatches
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2; Mismatches
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                                            DB 9; Length 109;
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FILE REFERENCE: 2609/60807-A-PCT-US
CURRENT APPLICATION UNMBER: US/10/792,311
CURRENT FILING DATE: 2004-03-02
PRIOR APPLICATION NUMBER: US/99/816,989
PRIOR FILING DATE: 2001-03-23
PRIOR APPLICATION NUMBER: 60/101,693
PRIOR APPLICATION NUMBER: PCT/US99/22402
PRIOR FILING DATE: 1998-09-24
PRIOR FILING DATE: 1999-09-24
PRIOR FILING DATE: 1999-09-24
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LENGTH: 56
TYPE: PRT
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Publication No. US20050038233A1
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Patent No. US20020115103A1
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TITLE OF INVENTION: AND FOR THERAPEUTIC USE
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APPLICANT: Lis, Doris
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TYPE: PRT
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                                                            Local Similarity
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  AKKYAKKEKA----AKKAYKK--
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                                                      Score 104.5; DB
Pred. No. 0.00017
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Pred. No. 0.0003;
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LENGTH: 77
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                                                          Matches
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Best Local (
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; OTHER INFORMATION: Description of Artificial Sequence: Synthetic Peptide US-09-816-989A-5
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CURRENT APPLICATION NUMBER: US/10/792,311
CURRENT FILING DATE: 2004-03-02
PRIOR APPLICATION UNMBER: US/09/816,989
PRIOR FILING DATE: 2001-03-23
PRIOR APPLICATION NUMBER: 60/101,693
PRIOR FILING DATE: 1998-09-25
PRIOR APPLICATION NUMBER: PCT/US99/22402
PRIOR FILING DATE: 1999-09-24
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Best Local Similarity
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PRIOR FILING DATE: 1998-09-25
PRIOR APPLICATION NUMBER: PCT/US99/22402
PRIOR FILING DATE: 1999-09-24
NUMBER OF SEQ ID NOS: 7
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TITLE OF INVENTION: COPOLYMER 1 RELATED POLYPEPTIDES
TITLE OF INVENTION: AND FOR THERAPEUTIC USE
FILE REFERENCE: 2609/60807-A-PCT-US
CURRENT APPLICATION NUMBER: US/09/816,989A
CURRENT FILING DATE: 2001-03-23
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SOFTWARE: PatentIn version 3.1
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APPLICANT: Lis, Doris
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TYPE: PRT
ORGANISM: Artificial Sequence
                                                            63.0%;
1 Similarity 65.8%;
25; Conservation
29; Conservative
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Pred. No. 0.00017;
                                                                                     Score 104.5; DB 9;
Pred. No. 0.00024;
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APPLICANT: Lis, Doris
APPLICANT: Lis, Doris
TITLE OF INVENTION: COPOLYMER 1 RELATED POLYPEPTIDES FOR USE AS MOLECULAR WEIGHT MARK
TITLE OF INVENTION: AND FOR THERAPEUTIC USE
FILE REFERENCE: 2609/60807-A.PCT-US
CURRENT APPLICATION NUMBER: US/10/792,311
CURRENT FILING DATE: 2004-03-02
PRIOR FILING DATE: 2001-03-23
PRIOR APPLICATION NUMBER: US/09/816,989
PRIOR FILING DATE: 1998-09-25
PRIOR RELICATION NUMBER: 60/101,693
PRIOR RELICATION NUMBER: FOCT/US99/22402
PRIOR RELICATION NUMBER: PCT/US99/22402
PRIOR FILING DATE: 1999-09-24
NUMBER OF SEQ ID NOS: 7
SOPTWARE: Patentin version 3.1
SEQ ID NO 5
TYPE: PRT
ORGANISM: Artificial Sequence
FEATURE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      ; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic Peptide
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US-10-741-849-7226
                                                                                                                                                                                                          ; TYPE: PRT
; ORGANISM: Candida albicans
US-10-741-849-7226
                                                                                                                                                                                                                                                                                                          CURRENT APPLICATION NUMBER: US/10/741,849
CURRENT FILING DATE: 2003-12-19
PRIOR APPLICATION NUMBER: US 60/434,832
PRIOR FILING DATE: 2002-12-19
NUMBER OF SEQ ID NOS: 8000
SOFTWARE: Patentin version 3.2
SEQ ID NO 7226
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Query Match 63.0%; Score 104.5; DB 17; Length 77; Best Local Similarity 65.8%; Pred. No. 0.00024; Matches 25; Conservative 4; Mismatches 6; Indels 3
                                                                                                     Query Match 52.1%; Score 86.5; DB 17; Best Local Similarity 65.7%; Pred. No. 0.13; Matches 23; Conservative 3; Mismatches 8;
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Publication No. US20050038233A1
GENERAL INFORMATION:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  RPPLICANT: Bussey, Howard ITTLE OF INVENTION: Nucleic Acids Encoding Anti-fungal Drug Targets and Methods of ITTLE OF INVENTION: Use Targets and Methods of FILE REFERENCE: 10182-023-999
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          PPLICANT:
                                                                                                                                                                                                                                                                                          ENGTH: 427
283 KEKAKKEKAAKKWEKESGSRKAAEEAAAKKAAEEA 317
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                                   KKYAKKEKAAKKAYKKEAKAKAA-EAAAKEAAYEA 35
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Sea::ch completed: July 27, 2005, 02:06:46 Job time: 36.3692 secs

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Minimum DB
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Listing first 45 summaries
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  Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 /cgn2 6/ptodata/1/iaa/5A_COMB.pep:*
/cgn2 6/ptodata/1/iaa/5B_COMB.pep:*
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US-09-816-989A-7
US-09-816-989A-7
US-09-816-989A-7
US-09-816-989A-3
US-09-405-743A-3
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US-09-405-743A-5
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US-09-816-989A-5
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US-09-186-798A-18922
US-09-523-991A-29581
US-08-303-025-15
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US-08-436-703B-4
US-08-436-703B-4
US-08-436-703B-4
US-09-919-497-100
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189-039A-13565
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APPLICANT: Lis, Doris
ITILE OF INVENTION: COPOLYMER 1 RELATED POLYPEPTIDES FOR
ITILE OF INVENTION: AND FOR THERAPEUTIC USE
FILE REFERENCE: 2609/60807-A-PCT-US
CURRENT APPLICATION NUMBER: US/99/816,989A
CURRENT FILING DATE: 2001-03-23
CURRENT FILING DATE: 2001-03-23
PRIOR APPLICATION NUMBER: 60/101,693
PRIOR APPLICATION NUMBER: 60/101,693
PRIOR FILING DATE: 1998-09-25
PRIOR APPLICATION NUMBER: PCT/US99/22402
PRIOR FILING DATE: 1999-09-24
NUMBER OF SEQ ID NOS: 7
SOFTWARE: Patentin version 3.1
SEQ ID NO 1
                                                                                                                                                                                                                                                                                                                                                                     RESULT 2
US-09-816-989A-1
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LENGTH: 35
TYPE: PRT
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Best Local S
Matches 35
                                                                                                                                                                                                                                                            GENERAL INFORMATION:
APPLICANT: Gad, Alexander
APPLICANT: Lis, Doris
                                                                                                                                                                                                                                                                                                                           Sequence 1, Application US/09816989A Patent No. 6800287
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  APPLICANT: Yeda Research and Development Co., Ltd.
TITLE OF INVENTION: GLATIRAMER ACETAIE MOLECULAR WEIGHT MARKERS
FILE REFERENCE: 60807-A
CURRENT APPLICATION NUMBER: US/09/405,743A
CURRENT FILING DATE: 1999-09-24
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            SOFTWARE:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      ORGANISM: Artificial Sequence FEATURE: OTHER INFORMATION: Description of Artificial Sequence: OTHER INFORMATION: PEPTIDE
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35; Conserv
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Pred. No. 3e-13;
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; ORGANISM: Artificial Sequence ; FEATURE; OTHER INFORMATION: Description of Artificial Sequence: ; OTHER INFORMATION: PEPTIDE US-09-405-743A-2
                                                          ; OTHER INFORMATION: Description of Artificial Sequence: Synthetic Peptide
US-09-816-989A-2
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Query Match
Best Local Similarity
                                                                                                                                                                    NUMBER OF SEQ ID NOS: 7
SOFTWARE: PatentIn version 3.1
SEQ ID NO 2
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Patent No. 6800287
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SEQ ID NO 2
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Patent No. 6514938
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TITLE OF INVENTION: COPOLYMER 1 RELATED POLYPEPTIDES FOR USE ITITLE OF INVENTION: AND FOR THERAPEUTIC USE
FILE REFERENCE: 2609/60807-A-PCT-US
CURRENT APPLICATION NUMBER: US/09/816,989A
CURRENT FILING DATE: 2001-03-23
PRIOR APPLICATION NUMBER: 60/101,693
PRIOR APPLICATION NUMBER: 60/101,693
PRIOR APPLICATION NUMBER: FOT/US99/22402
PRIOR APPLICATION NUMBER: PCT/US99/22402
PRIOR FILING DATE: 1999-09-24
NUMBER: FCT/US99-09-24
NUMBER: FCT/US99/22402
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                                                                                                                                                                                                                                                                                                                                                                                                          APPLICANT: Gad, Alexander APPLICANT: Lis, Doris
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                                                                                        TYPE: PRT
ORGANISM: Artificial Sequence
FEATURE:
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TYPE: PRT
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ORGANISM: Artificial Sequence
                                                                                                                                                    LENGTH: 45
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mes 35; Conserv
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Score 108; DB 4;
Pred. No. 2.6e-06;
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Pred. No. 3e-13;
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, OTHER INFORMATION: Description of Artificial Sequence: Synthetic Peptide
US-09-816-989A-6
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GENERAL INFORMATION:
APPLICANT: Yeda Research and Development Co., Ltd.
APPLICANT: Yeda Research and Development Co., Ltd.
APPLICANT: OF INVENTION: GLATIRAMER ACETATE MOLECULAR WEIGHT MARKERS
                                                                                                                                                                                                                                                  SOFTWARE: PatentIn version 3.1 SEQ ID NO 6
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                                                                      Matches
                                                                                                    Query Match
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TITLE OF INVENTION: COPOLYMER 1 RELATED POLYPEPTIDES
TITLE OF INVENTION: AND FOR THERAPEUTIC USE
FILE REFERENCE: 2609/60807-A-PCT-US
CURRENT APPLICATION NUMBER: US/09/816,989A
CURRENT FILING DATE: 2001-03-23
PRIOR APPLICATION NUMBER: 60/101,693
PRIOR APPLICATION NUMBER: 60/101,693
PRIOR FILING DATE: 1998-09-25
PRIOR FILING DATE: 1998-09-25
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CURRENT APPLICATION NUMBER: US/09/405,743A
CURRENT FILING DATE: 1999-09-24
NUMBER OF SEQ ID NOS: 7
                                                                                                                                                                                                                                                                                    PRIOR APPLICATION NUMBER: PCT/US99/22402
PRIOR FILING DATE: 1999-09-24
NUMBER OF SEQ ID NOS: 7
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                                                                                                                                                                                        LENGTH: 86
TYPE: PRT
ORGANISM: Artificial Sequence
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TYPE: PRT
ORGANISM: Artificial Sequence
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5. 6800287
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                                                                 Score 108; DB 4;
Pred. No. 5.1e-06;
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Pred. No. 5.1e-06;
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NUMBER OF SEQ ID NOS: 7
SOFTWARE: PatentIn version 3.1
SEQ ID NO 4
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Best Local
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Patent No. 6800287
                                                                                                                                                                                           OTHER INFORMATION: Description of Artificial Sequence: Synthetic Peptide 09-816-989A-4
                                                                                                                                                                                                                                                                                                                                                                                                     TITLE OF INVENTION: COPOLYMER 1 RELATED POLYPEPTIDES FOR USE AS MOLECULAR WEIGHT MARY TITLE OF INVENTION: AND FOR THERAPEUTIC USE FILE REFERENCE: 2609/60807-A-PCT-US CURRENT APPLICATION NUMBER: US/09/816,989A

CURRENT FILING DATE: 2001-03-23
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                                                                                                                                                                                                                                                                                                                                                                                       PRIOR APPLICATION NUMBER: 60/101,693
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APPLICATION NUMBER: PCT/US99/22402
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                                                                                              AKKYAKKEKAAKKAYKKEA---
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VENTION: GLATIRAMER ACETATE MOLECULAR WEIGHT MARKERS
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                                                                                                                            Conservative
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                                                                                                                                          63.6%;
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                                                                                                                                           Score 105.5;
Pred. No. 7.
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Pred. No. 7.6
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CURRENT APPLICATION NUMBER: US/09/405,743A

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; OTHER INFORMATION:
; OTHER INFORMATION:
US-09-405-743A-7
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Sequence 7, Appli
Patent No. 680028
                                                  GENERAL INFORMATION:
                                                                        Sequence 3, Application US/09405743A Patent No. 6514938
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Best Local :
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Best Local Similarity
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TITLE OF INVENTION: COPOLYMER 1 RELATED POLYPEPTIDES
TITLE OF INVENTION: AND FOR THERAPEUTIC USE
FILE REFERENCE: 2609/60807-A-PCT-US
CURRENT APPLICATION NUMBER: US/09/816,989A
CURRENT FILING DATE: 2001-03-23
PRIOR APPLICATION NUMBER: 60/101,693
PRIOR APPLICATION NUMBER: 60/101,693
PRIOR APPLICATION NUMBER: PCT/US99/22402
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CURRENT APPLICATION NUMBER: US/09/405,743A
CURRENT FILING DATE: 1999-09-24
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TITLE OF INVENTION: GLATIRAMER ACETATE MOLECULAR WEIGHT MARKERS
TITLE OF INVENTION: GLATIRAMER ACETATE MOLECULAR WEIGHT MARKERS FILE REFERENCE: 60807-A
                                  APPLICANT:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   PRIOR FILING DATE: 1999-09-24
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                                                                                                                                                                                                                                                                                                                                                            OTHER INFORMATION: Description of Artificial Sequence: Synthetic Peptide
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                          Yeda Research and Development Co.,
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Pred. No. 1.
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Pred. No. 1.5e-05;
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                                            SOFTWARE: P
SEQ ID NO 5
LENGTH: 77
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LENGTH: 56
TYPE: PRT
                                                                                                            Sequence 5, Application US/09405743A
Patent No. 6514938
GENERAL INFORMATION:
APPLICANT: Yeda Research and Development Co., Ltd.
TITLE OF INVENTION: GLATIRAMER ACETATE MOLECULAR WEIGHT MARKERS
FILE REFERENCE: 60807-A
CURRENT APPLICATION NUMBER: US/09/405,743A
CURRENT FILING DATE: 1999-09-24
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Patent No. 6800287
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CURRENT APPLICATION NUMBER: US/09/816,989A
CURRENT FILING DATE: 2001-03-23
PRIOR APPLICATION NUMBER: 60/101,693
PRIOR FILING DATE: 1998-09-25
PRIOR APPLICATION NUMBER: PCT/US99/22402
PRIOR PILING DATE: 1999-09-24
NUMBER OF THE NO.
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NUMBER OF SEQ ID NOS: 7
SOFTWARE: PatentIn Ver. 2.1
                                                                                             NUMBER OF SEQ ID NOS:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    APPLICANT: Gad, Alexander APPLICANT: Lis, Doris
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          TYPE: PRT
ORGANISM: Artificial Sequence
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FEATURE:
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                                                                             PatentIn
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Pred. No. 8.4
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Pred. No. 8.4e-06;
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; OTHER INFORMATION: Description of Artificial Sequence: ; OTHER INFORMATION: PEPTIDE US-09-405-743A-5
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US-09-248-796A-18922
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APPLICANT: Lis, Doris
APPLICANT: Lis, Doris
TITLE OF INVENTION: COPOLYMER 1 RELATED POLYPEPTIDES FOR USE AS MOLECULAR WEIGHT MARKE
TITLE OF INVENTION: AND FOR THERAPEUTIC USE
FILE REFERENCE: 2609/60807-A-PCT-US
CURRENT APPLICATION NUMBER: US/09/816,989A
CURRENT APPLICATION NUMBER: 00/103-23
PRIOR APPLICATION NUMBER: 60/101,693
PRIOR APPLICATION NUMBER: PCT/US99/22402
PRIOR FILING DATE: 199-09-25
PRIOR FILING DATE: 1999-09-24
NUMBER OF SEQ ID NOS: 7
SOPTWARE: PATENTIN Version 3.1
SEQ ID NO 5
LENGTH: 77
TYPE: PRT
ORGANISM: Artificial Sequence
                                                                                                                                                                                                                                                                                                                                        GENERAL INFORMATION:
APPLICANT: Keith Weinstock et al
APPLICANT: Keith Weinstock et al
TITLE OF INVENTION: NUCLEIC ACID AMINO ACID SEQUENCES RELATING TO CANDIDA ALBICANS
TITLE OF INVENTION: FOR DIAGNOSTICS AND THERAPEUTICS
FILE REFERENCE: 107196.132
                                                                                                                                                SEQ ID NO 18922
LENGTH: 176
                                                                                                                                                                                                                                                                                                                                                                                                                                                   Sequence 18922, Application US/09248796A Patent No. 6747137
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Best Local S
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Matches
                                            Query Match
                                                                                                                                                                                        CURRENT APPLICATION NUMBER: US/09/248,796A CURRENT FILING DATE: 1999-02-12 PRIOR APPLICATION NUMBER: US 60/074,725 PRIOR FILING DATE: 1998-02-13 PRIOR APPLICATION NUMBER: US 60/096,409 PRIOR FILING DATE: 1998-08-13 NUMBER OF SEQ ID NOS: 28208
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OTHER INFORMATION:
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  Similarity
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52.1%;
nilarity 65.7%;
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Score 86.5; DB 4; Length 176; Pred. No. 0.0036; 3; Mismatches 8; Indels
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Pred. No. 1.2e-05;
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Pred. No. 1.2e-05;
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ompleted: July 27, 2005, 01:26:45	2 KKYAKKEKAAKKAYKKEAKAKAA-EAAAKEAAYEA 35  -           84 KEKAKKEKAAKKWEKESGSRKAAEBAAKKAAEBA 118

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Result
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Maximum Match 100%
Listing first 45 summaries
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134.5
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213
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Copyright (c) 1993 - 2005 Compugen Ltd.
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/ CGM2_6/ptodata/2/pubpaa/US09C_PUBCOMB.pep:*
/ CGM2_6/ptodata/2/pubpaa/US09_NEW_PUBCOMB.pep:*
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/ CGM2_6/ptodata/2/pubpaa/US10A_PUBCOMB.pep:*
/ CGM2_6/ptodata/2/pubpaa/US10C_PUBCOMB.pep:*
/ CGM2_6/ptodata/2/pubpaa/US10C_PUBCOMB.pep:*
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US-09-816-989A-5
7 US-10-792-311-5
7 US-10-792-311-5
US-09-816-989A-6
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US-10-792-311-2
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US-10-792-311-7
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Sequence 7, Appli
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Sequence 7, Appli
Sequence 3, Appli
Sequence 3, Appli
Sequence 5, Appli
Sequence 5, Appli
Sequence 6, Appli
Sequence 6, Appli
Sequence 4, Appli
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US-09-816-989A-2

Sequence

Sequence 2, Application US/09816989A Patent No. US20020115103A1

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APPLICANT: Lis, Doris
TITLE OF INVENTION: CAND FOR THERAPEUTIC USE
TITLE OF INVENTION: CAND FOR THERAPEUTIC USE
FILE REFERENCE: 2609/60807-A-PCT-US
CURRENT APPLICATION NUMBER: US/09/816,989A
CURRENT FILING DATE: 2001-03-23
PRIOR APPLICATION NUMBER: 60/101,693
PRIOR PILING DATE: 1998-09-25
PRIOR FILING DATE: 1998-09-24
PRIOR FILING DATE: 1999-09-24
NUMBER OF SEQ ID NOS: 7
SOFTWARE: Patentin version 3.1
                                                                                                                                                               ; FEATURE: ; OTHER INFORMATION: Description of Artificial Sequence: Synthetic US-09-816-989A-2
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APPLICANT: Gad, Alexander
APPLICANT: Lis, Doris
                                                                               Query Match
Best Local Similarity
Matches 45; Conserv
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                                                                                                                                                                                                                             ORGANISM: Artificial Sequence
                                                                                                                                                                                                                                                     TYPE: PRT
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                      AKKYAKKAKAEKAKKAYKAAEAKKAAKYEKAAAEKAAAKEAAYEA 45
AKKYAKKAKAEKAKKAYKAAEAKKAAKYEKAAAEKAAAKEAAYEA 45
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                                                                           Score 213; DB 9;
Pred. No. 4.2e-16;
; Mismatches 0;
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; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic Peptide
US-10-792-311-2
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SEQ ID NO 7
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SEQ ID NO 2
LENGTH: 45
TYPE: PRT
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TITLE OF INVENTION: COPOLYMER 1 RELATED POLYPEPTIDES FOR USE AS MOLECULAR WEIGHT MARK
TITLE OF INVENTION: AND FOR THERAPBUTIC USE
FILE REFERENCE: 2609/60807-A-PCT-US
CURRENT APPLICATION NUMBER: US/10/192,311
CURRENT ELING DATE: 2004-03-02
PRIOR APPLICATION NUMBER: US/09/816,989
PRIOR FILLING DATE: 2001-03-23
PRIOR FILLING DATE: 1998-09-25
PRIOR APPLICATION NUMBER: 60/101,693
PRIOR FILLING DATE: 1998-09-25
PRIOR APPLICATION NUMBER: PCT/US99/22402
PRIOR APPLICATION NUMBER: PCT/US99/22402
PRIOR FILLING DATE: 1999-09-24
                                                                                               Matches
                                                                                                                Query Match
Best Local Similarity
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                                                                                                                                                                                                                                                                                                                                                                                                  TITLE OF INVENTION: COPOLYMER 1 RELATED POLYPEPTIDES FOR USE AS MOLECULAR WEIGHT MARK TITLE OF INVENTION: AND FOR THERAPEUTIC USE FILE REFERENCE: 2609/60807-A-PCT-US CURRENT APPLICATION NUMBER: US/09/816,989A CURRENT FILING DATE: 2001-03-23 PRIOR APPLICATION NUMBER: 60/101,693 PRIOR APPLICATION NUMBER: 60/101,693 PRIOR APPLICATION NUMBER: 609-25 PRIOR PILING DATE: 1998-09-25 PRIOR APPLICATION NUMBER: PCT/US99/22402 PRIOR PILING DATE: 1998-09-24 PRIOR FILING DATE: 1999-09-24
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                                                                                                                                                                                                                                                                                                                                                                                      NUMBER OF SEQ ID NOS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    APPLICANT: Gad, Alexander APPLICANT: Lis, Doris
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APPLICANT: Lis, Doris
                                                                                                                                                                                                                                                           LENGTH: 109
TYPE: PRT
ORGANISM: Artificial Sequence
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les 45; Conservative
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AKKYAKAAKAE--KKEYAAAEAKKAEAAKAYKAEAAKAAKEAAYEA 109
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Pred. No. 1.3e-07;
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Pred. No. 4.2e-16;
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                                                                                                                                       Length 109;
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APPLICANT: Lis, Doris
TITLE OF INVENTION: COPOLYMER 1 RELATED POLYPEPTIDES FOR
TITLE OF INVENTION: CAND FOR THERAPEUTIC USE
FILE REFERENCE: 2609/60807-A-PCT-US
CURRENT APPLICATION NUMBER: US/09/816,989A
CURRENT FILING DATE: 2001-03-23
PRIOR APPLICATION NUMBER: 60/101,693
PRIOR APPLICATION NUMBER: 60/101,693
PRIOR FILING DATE: 1998-09-25
PRIOR FILING DATE: 1998-09-25
PRIOR FILING DATE: 1999-09-24
NUMBER: DECT/US99/22402
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APPLICANT: Lis, Doris

TITLE OF INVENTION: COPOLYMER 1 RELATED POLYPEPTIDES FOR USE

TITLE OF INVENTION: AND FOR THERAPBUTIC USE

FILE REFERENCE: 2609/60807-A-PCT-US

CURRENT APPLICATION NUMBER: US/10/792,311

CURRENT APPLICATION NUMBER: US/09/816,989

PRIOR APPLICATION NUMBER: US/09/816,989

PRIOR APPLICATION NUMBER: US/09/816,989

PRIOR APPLICATION NUMBER: 001-03-23

PRIOR APPLICATION NUMBER: 60/101,693

PRIOR APPLICATION NUMBER: PCT/US99/22402

PRIOR APPLICATION NUMBER: PCT/US99/22402
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                                                                                       Matches
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Best Local (
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Patent No. US20020115103A1
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                                                                                                                                                                                                                                                             LENGTH: 56
TYPE: PRT
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SOFTWARE: PatentIn version 3.1
                                                                                                                                                                                        ORGANISM: Artificial Sequence FEATURE: OTHER INFORMATION: Description of Artificial Sequence: Synthetic Peptide
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       TYPE: PRT ORGANISM: Artificial Sequence FEATURE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       ENGTH: 109
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36; Conserv
                                                                                                         Similarity
                       AKKYAKAAKAE--KKEYAAAEAKKAEAAKAYKAEAAKAAKEAAYEA 109
AKKYAKKEKAYAKKAEKAAKKAEAKAYKAAEAKKKAEAKY-KAEAAKAAKEAAYEA 56
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                                                                                                         63.1%;
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76.6%;
                                                                                  Score 134.5; DB 9;
Pred. No. 1.5e-07;
0; Mismatches 5;
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Pred. No. 1.3e-07;
0; Mismatches 7;
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CURRENT APPLICATION NUMBER: US/10/792,311
CURRENT FILING DATE: 2004-03-02
PRIOR APPLICATION NUMBER: US/09/816,989
PRIOR FILING DATE: 2001-03-23
PRIOR PPLICATION NUMBER: 60/101,693
PRIOR FILING DATE: 1998-09-25
PRIOR APPLICATION NUMBER: PCT/US99/22402
PRIOR FILING DATE: 1999-09-24
NUMBER OF SEQ ID NOS: 7
SOFTWARE: Patentin version 3.1
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Best Local (
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Best Local Similarity
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                                                                                                                                                                                                                                                                                                                                                                                                                  PRIOR APPLICATION NUMBER: 60/101,693
PRIOR TILING DATE: 1998-09-25
PRIOR APPLICATION NUMBER: PCT/US99/22402
PRIOR FILING DATE: 1999-09-24
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               FILE REFERENCE: 2609/60807-A-PCT-US CURRENT APPLICATION NUMBER: US/09/816,989A CURRENT FILING DATE: 2001-03-23
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           APPLICANT: Lis, Doris
TITLE OF INVENTION: COPOLYMER 1 RELATED POLYPEPTIDES
TITLE OF INVENTION: AND FOR THERAPEUTIC USE
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       APPLICANT: Gad, Alexander APPLICANT: Lis, Doris
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TYPE: PRT
ORGANISM: Artificial Sequence
PEATURE:
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                                                                                                                                                                                                                                                                          TYPE PRT
TYPE ORGANISM: Artificial Sequence
PEATURE:
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61
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                         -KAAAEKAAAKEAAYEA 45
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                                                                             AKKYAKKEKAYAKKAEKAAKKAEAKAYKAAEAKKKAKAEAKKYAKAAKAEKKEYAAAEAK 60
                                                                                                                      AKKYAKK-----AKAEKA----KKAYKAAEAKKAAKYE----
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Pred. No. 5.1e-07;
0; Mismatches 6
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                                                                                                                                                          Indels
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US-10-792-311-5
                                                                                 ; OTHER INFORMATION: US-09-816-989A-6
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Publication No. US20050038233A1
GENERAL INFORMATION:
APPLICANT: Gad, Alexander
APPLICANT: Lis, Doris
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Matches
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LENGTH: 77
                   Query Match
Best Local Similarity
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TITLE OF INVENTION: COPOLYMER 1 RELATED POLYPEPTIDES FOR USE AS MOLECULAR WEIGHT MARKI
TITLE OF INVENTION: AND FOR THERAPEUTIC USE
FILE REFERENCE: 2609/60807-A-PCT-US
CURRENT FILLING DATE: 2004-03-02
PRIOR APPLICATION NUMBER: US/09/816,989
PRIOR FILLING DATE: 2001-03-23
PRIOR FILLING DATE: 1909-09-25
PRIOR APPLICATION NUMBER: 60/101,693
PRIOR APPLICATION NUMBER: 60/101,693
PRIOR APPLICATION NUMBER: PCT/US99/22402
PRIOR APPLICATION NUMBER: PCT/US99/22402
PRIOR APPLICATION NUMBER: PCT/US99/22402
PRIOR FILLING DATE: 1999-09-24
                                                                                                                                                                                                                                        PRIOR APPLICATION NUMBER: 60/101,693
PRIOR FILING DATE: 1998-09-25
PRIOR APPLICATION NUMBER: PCT/US99/22402
PRIOR FILING DATE: 1999-09-24
NUMBER OF SEQ ID NOS: 7
                                                                                                                                                                                                                                                                                                                                               CURRENT APPLICATION NUMBER: US/09/816,989A CURRENT FILING DATE: 2001-03-23
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SOFTWARE: PatentIn version 3.1
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                                                                                                                                                              LENGTH: 86
TYPE: PRT
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ORGANISM: Artificial Sequence
                                                                                                                         FEATURE:
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                                                                                                                                        ORGANISM: Artificial Sequence
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Conservative
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                                                                                                    Description of Artificial Sequence: Synthetic
                   59.4%;
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    0
                     Score 126.5; DB 9
Pred. No. 1.8e-06;
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Pred. No. 5.1e-07;
0; Mismatches 6;
      Mismatches
                                          DB 9;
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                                                                                SOFTWARE: PatentIn version 3.1 SEQ ID NO 4
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                                                                                                                                                        APPLICANT: Lis, Doris
TITLE OF INVENTION: COPOLYMER 1 RELATED POLYPEPTIDES FOR USE ITITLE OF INVENTION: AND FOR THERAPEUTIC USE
FILE REFERENCE: 2609/60807-A-PCT-US
CURRENT APPLICATION NUMBER: US/09/816,989A
CURRENT FILING DATE: 2001-03-23
PRIOR APPLICATION NUMBER: 60/101,693
PRIOR APPLICATION NUMBER: 60/101,693
PRIOR APPLICATION NUMBER: PCT/US99/22402
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PRIOR FILING DATE: 2001-03-23
PRIOR APPLICATION NUMBER: 60/101,693
PRIOR FILING DATE: 1998-09-25
PRIOR APPLICATION NUMBER: PCT/US99/22402
PRIOR FILING DATE: 1999-09-24
NUMBER OF SEQ ID NOS: 7
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                                                                                                                         PRIOR FILING DATE: 199
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FEATURE:
                 ORGANISM: Artificial Sequence
                                         TYPE: PRT
                                                        ENGTH: 66
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Pred. No. 1.8e-06;
0; Mismatches 6
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; OTHER INFORMATION: Description of Artificial Sequence: Synthetic Peptide
US-09-816-989A-4
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Publication No. US20050038233A1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      SEQ ID NO 4
LENGTH: 66
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    GENERAL INFORMATION:
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APPLICANT:
APPLICANT:
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TITLE OF INVENTION: COPOLYMER 1 RELATED POLYPEPTIDES FOR USE AS MOLECULAR WEIGHT MARKI
TITLE OF INVENTION: AND FOR THERAPEUTIC USE
FILE REFERENCE: 2609/60807-A-PCT-US
CURRENT APPLICATION NUMBER: US/10/792,311
CURRENT FILING DATE: 2004-03-02
                                                                                                                               APPLICANT:
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PRIOR APPLICATION NUMBER: US/09/816,989
PRIOR FILING DATE: 2001-03-23
PRIOR APPLICATION NUMBER: 60/101,693
PRIOR FILING DATE: 1998-09-25
                                                   APPLICANT: Xu, H.
TITLE OF INVENTION: Identification of Essential Genes in Microorganisms
FILE REFERENCE: ELITEA.034A
CURRENT APPLICATION NUMBER: US/10/282,122A
CURRENT FILING DATE: 2003-02-20
CURRENT FILING DATE: 2003-02-20
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           PRIOR APPLICATION NUMBER: PCT/US99/22402
PRIOR FILING DATE: 1999-09-24
NUMBER OF SEQ ID NOS: 7
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PRIOR APPLICATION NUMBER: 60/191,078
PRIOR FILING DATE: 2000-03-21
PRIOR APPLICATION NUMBER: 60/206,848
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32; Conserv
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32; Conserv
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                                                                                                                                            Trawick, John
Carr, Grant
Yamamoto, Robert
Forsyth, R.
                                                                                                                                                                                                                                                                                                                                  Wang,
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Zyskind, Judith
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Pred. No. 5.9
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Pred. No. 5.9e-06;
0; Mismatches
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RESULT 15
US-10-792-311-1
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; PEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic Peptide
US-09-816-989A-1
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US-09-816-989A-1
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PRIOR FILING DATE: 1999-09-24
NUMBER OF SEQ ID NOS: 7
SOFTWARE: PatentIn version 3.1
SEQ ID NO 1
LENGTH: 35
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LENGTH: 428
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-10-282-122A-55748
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TITLE OF INVENTION: AND FOR THERAPEUTIC USE
FILE REFERENCE: 2609/60807-A-PCTC.
CURRENT APPLICATION NUMBER: US/09/816,989A
CURRENT FILING DATE: 2001-03-23
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        PRIOR APPLICATION NUMBER: 60/269,308 PRIOR FILING DATE: 2001-02-16
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  APPLICATION NUMBER: 60/267,636 FILING DATE: 2001-02-09
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              APPLICATION NUMBER: 60/242,578
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            APPLICATION NUMBER: 60/230,335
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            PPLICATION NUMBER: 60/257,931
ILING DATE: 2000-12-22
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Pred. No. 6.6e-05;
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                                                                                                                                                                                                                                     SEQ ID NO 1
LENGTH: 35
TYPE: PRT
ORGANISM: Artificial Sequence
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                                                                                       Matches
                                                                                                                              Query Match
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PRIOR TILING DATE: 2001-03-23
PRIOR APPLICATION NUMBER: 60/101,693
PRIOR FILING DATE: 1998-09-25
PRIOR APPLICATION NUMBER: PCT/US99/22402
PRIOR FILING DATE: 1999-09-24
NUMBER OF SEQ ID NOS: 7
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         TITLE OF INVENTION: COPOLYMER 1 RELATED POLYPEPTIDES FOR USE AS MOLECULAR WEIGHT MARKI IITLE OF INVENTION: AND FOR THERAPBUTIC USE FILE REFERENCE: 2609/60807-A-PCT-US
CURRENT APPLICATION NUMBER: US/10/792,311
CURRENT FILING DATE: 2004-03-02
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                                                                                                         Local Similarity
                                                                                       29;
                                       1 АККУАККАКАЕКАККАУКААЕАККААКУЕКАААЕКАААКЕААУЕА 45
AKKYAKKEKA--AKKAYK-----KEAKAKAAEAAAKEAAYEA 35
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Pred. No. 6.6e-05;
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Search completed: July 27, 2005, 02:06:47 Jcb time: 46.4747 secs

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Result
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1: /cgn2_6/ptodata/1/iaa/5A_COMB.pep:*

2: /cgn2_6/ptodata/1/iaa/5B_COMB.pep:*

3: /cgn2_6/ptodata/1/iaa/6A_COMB.pep:*

4: /cgn2_6/ptodata/1/iaa/ECTUS_COMB.pep:*

5: /cgn2_6/ptodata/1/iaa/PCTUS_COMB.pep:*

6: /cgn2_6/ptodata/1/iaa/backfiles1.pep:*
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US-09-816-989A-2
US-09-816-989A-7
US-09-816-989A-3
US-09-816-989A-5
US-09-816-989A-5
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US-09-816-989A-6
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SOFTWARE: Patentin Ver. 2.1
SEQ ID NO 2
LENGTH: 45
TYPE: PRT
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Description
OTHER INFORMATION: PEPTIDE
JS-09-405-743A-2
                                                         APPLICANT: Lis, Doxis
TITLE OF INVENTION: COPOLYMER 1 RELATED POLYPEPTIDES FOR
TITLE OF INVENTION: AND FOR THERAPEUTIC USE
FILE REFERENCE: 2609/60807-A-PCT-US
CURRENT APPLICATION NUMBER: US/09/816,989A
CURRENT FILING DATE: 2001-03-23
PRIOR APPLICATION NUMBER: 60/101,693
PRIOR APPLICATION NUMBER: 60/101,693
PRIOR FILING DATE: 1998-09-25
PRIOR FILING DATE: 1998-09-24
NUMBER OF SEQ ID NOS: 7
NUMBER OF SEQ ID NOS: 7
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US-09-405-743A-2
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Matches 45
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APPLICANT: Gad, Alexander
APPLICANT: Lis, Doris
SOFTWARE: PatentIn version 3.1
SEQ ID NO 2
LENGTH: 45
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Patent No. 6800287
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TITLE OF INVENTION: GLATIRAMER ACETATE MOLECULAR WEIGHT MARKERS
FILE REFERENCE: 60807-A
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; OTHER INFORMATION: Description of Artificial Sequence: Synthetic Peptide US-09-816-989A-2
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US-09-816-989A-7
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CURRENT FILING DATE: 199-09-24
NUMBER OF SEQ ID NOS: 7
SOFTWARE: PatentIn Ver. 2.1
SEQ ID NO 7
LENCTH: 109
TYPE: PRT
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 Best Local Similarity
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                                                                                                                                                                                                                   TITLE OF INVENTION: COPOLYMER 1 RELATED POLYPEPTIDES FOR USE AS MOLECULAR WEIGHT MARK FITLE OF INVENTION: AND FOR THERAPEUTIC USE FILE REFERENCE: 2609/60807-A-PCTG-USE CURRENT APPLICATION NUMBER: US/09/816,989A CURRENT FILING DATE: 2001-03-23 CURRENT FILING DATE: 2001-03-23 PRIOR APPLICATION NUMBER: 60/101,693 PRIOR PILING DATE: 1998-09-25 PRIOR PILING DATE: 1999-09-24 PRIOR PILING DATE: 1999-09-24
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ORGANISM: Artificial Sequence
FEATURE:
                                                                                           ORGANISM: Artificial Sequence FEATURE:
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Pred. No. 4.8e-08;
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Pred. No. 1.9e-16;
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No. 4
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                                                                                                                                                                                                                         PRIOR APPLICATION NUMBER: PCT/US99/22402
PRIOR FILING DATE: 1999-09-24
NUMBER OF SEQ ID NOS: 7
SOFTWARE: PatentIn version 3.1
SEQ ID NO 3
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FILE REFERENCE: 60807-A
CURRENT APPLICATION NUMBER: US/09/405,743A
CURRENT FILING DATE: 1999-09-24
NUMBER OF SEQ ID NOS: 7
                                                                                                                                                                                                                                                                                                     TITLE OF INVENTION: COPOLYMER 1 RELATED POLYPEPTIDES TITLE OF INVENTION: AND FOR THERAPEUTIC USE FILE REFERENCE: 2609/60807-A-PCT-US CURRENT APPLICATION NUMBER: US/09/816,989A CURRENT FILING DATE: 2001-03-23 PRIOR APPLICATION NUMBER: 60/101,693 PRIOR APPLICATION NUMBER: 60/101,693 PRIOR FILING DATE: 1998-09-25
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                                                                                                                                                        LENGTH: 56
TYPE: PRT
ORGANISM: Artificial Sequence
PEATURE:
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ORGANISM: Artificial Sequence
FEATURE:
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AKKYAKKEKAYAKKAEKAAKKAEAKAYKAAEAKKKAEAKY-KAEAAKAAAKEAAYEA 56
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/ENTION: GLATIRAMER ACETATE MOLECULAR WEIGHT MARKERS
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Pred. No. 5.7e-08;
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RESULT 8
US-09-816-989A-5
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RESULT 9
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US-09-405-743A-5
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Best Local Similarity
Matches 39; Conserv
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LENGTH: 77
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LENGTH: 77
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PRIOR FILING DATE: 1998-09-25
PRIOR APPLICATION NUMBER: PCT/US99/22402
PRIOR FILING DATE: 1999-09-24
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CURRENT APPLICATION NUMBER: US/09/816,989A
CURRENT FILING DATE: 2001-03-23
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CURRENT APPLICATION NUMBER: US/09/405,743A
CURRENT FILING DATE: 1999-09-24
NUMBER OF SEQ ID NOS: 7
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SOFTWARE: PatentIn version 3.1
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                                                                                                                                                                                                                                                                                                                                                  TYPE: PRT
ORGANISM: Artificial Sequence
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                                                         YKAEAAKAAAKEAAYEA 77
                                                                                              -KAAAEKAAAKEAAYEA 45
                                                                                                                                     AKKYAKKEKAYAKKAEKAAKKAEAKAYKAAEAKKKAKAEAKKYAKAAKAEKKEYAAAEAK 60
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JENTION: GLATIRAMER ACETATE MOLECULAR WEIGHT MARKERS
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                                                                                                                                                                                                              Conservative
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                                                                                                                                                                                                          61.5%; Score 131; DB 4; Length 77, 50.6%; Pred. No. 1.9e-07; tive 0; Mismatches 6; Indels
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Pred. No. 1.9e-07;
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                                                                                                                                              Query Match
Best Local S
Matches 39
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Best Local Similarity
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Patent No.
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IITLE OF INVENTION: GLATIRAMER ACETATE MOLECULAR WEIGHT MARKERS
FILE REFERENCE: 60807-A
CURRENT APPLICATION NUMBER: US/09/405,743A
CURRENT FILING DATE: 1999-09-24
                                                                                                                                                                                                                                                                                                                                                                             PRIOR APPLICATION NUMBER: PCT/US99/22402
PRIOR FILING DATE: 1999-09-24
NUMBER OF SEQ ID NOS: 7
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                                                                                                                                                                                                                                                                                                                                                                                                                                    PRIOR APPLICATION NUMBER: 60/101,693
PRIOR FILING DATE: 1998-09-25
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               TITLE OF INVENTION: COPOLYMER 1 RELATED POLYPEPTIDES FOR USE AS MOLECULAR WEIGHT MARKI
TITLE OF INVENTION: AND FOR THERAPEUTIC USE
FILE REFERENCE: 2609/60807-A-PCT-US
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APPLICANT: Lis, Doris
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TYPE: PRT
ORGANISM: Artificial Sequence
FEATURE:
                                                                                                                                                                                                                                      FEATURE: OTHER INFORMATION: Description of Artificial Sequence: Synthetic Peptide
                                                                                                                                                                                                                                                                              ORGANISM: Artificial Sequence
                                                                                                                                                                                                                                                                                                      TYPE: PRT
                                                                                                                                                                                                                                                                                                                     ENGTH: 86
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61 YKAEAAKKAYKAEAAKAAAKEAAYEA 86
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                                                                         AKKYAKKEKAYAKKAEKAAKKAEAKAYKAAEAKKKAKAEAKKYAKAAKAEKKEYAAAEAK 60
                                                                                                            AKKYAKK----AKAEKA----KKAYKAAEAKKAAKYE--
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                                     KAAAEKAAAKEAAYEA 45
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                                                                                                                                                                 45.3%;
                                                                                                                                                               Score 126.5; DB 4;
Pred. No. 6.3e-07;
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Pred. No. 6.3e-07;
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US-09-405-743A-1
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Sequence 1, Application US/09405743A
Patent No. 6514938
GENERAL INFORMATION:
APPLICANT: Yeda Research and Development Co., Ltd.
TITLE OF INVENTION: GLATIRAMER ACETATE MOLECULAR WEIGHT MARKERS
FILE REFERENCE: 60807-A
CURRENT APPLICATION NUMBER: US/09/405,743A
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Best Local Similarity
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Best Local Similarity
Matches 32; Conserv
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LENGTH: 66
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TITLE OF INVENTION: COPOLYMER 1 RELATED POLYPEPTIDES FOR USE.
TITLE OF INVENTION: AND FOR THERAPEUTIC USE
FILE REFERENCE: 2609/60807-A-PCT-US
CURRENT APPLICATION NUMBER: US/09/816,989A
CURRENT FILING DATE: 2001-03-23
PRIOR APPLICATION NUMBER: 60/101,693
PRIOR APPLICATION NUMBER: 60/101,693
PRIOR FILING DATE: 1998-09-25
PRIOR APPLICATION NUMBER: PCT/US99/22402
PRIOR APPLICATION NUMBER: PCT/US99/22402
PRIOR FILING DATE: 1999-09-24
NUMBER: OF SEQ ID NOS: 7
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TITLE OF INVENTION: GLATIRAMER ACETATE MOLECULAR WEIGHT MARKERS
FILE REFERENCE: 60807-A
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o. 6800287
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Pred. No. 2.1e-06;
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Pred. No. 2.1e-06;
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                   PRIOR APPLICATION NUMBER: US 60/117,747
PRIOR FILING DATE: 1999-01-29
NUMBER OF SEQ ID NOS: 14342
SEQ ID NO 13565
LENCTH: 476
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LENGTH: 35
TYPE: PRT
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Patent No. 6610836
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Patent No. 6800287
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APPLICANT: Lis, Doris
TITLE OF INVENTION: COPOLYMER 1 RELATED POLYPEPTIDES
TITLE OF INVENTION: AND FOR THERAPEUTIC USE
FILE REFERENCE: 2609/60807-A-PCT-US
CURRENT APPLICATION NUMBER: US/09/816,989A
CURRENT FILING DATE: 2001-03-23
PRIOR APPLICATION NUMBER: 60/101,693
PRIOR FILING DATE: 1998-09-25
PRIOR FILING DATE: 1998-09-25
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NUMBER OF SEQ ID NOS: 7
SOFTWARE: Patentin Ver. 2.1
                                                                                                      APPLICANT: Gary Breton et. al TITLE OF INVENTION: NUCLEIC ACID AND AMINO ACID SEQUENCES RELATING TO KLEBSIELLA TITLE OF INVENTION: PNEUMONIAE FOR DIAGNOSTICS AND THERAPEUTICS FILE REFERENCE: 2709.2004001
CURRENT APPLICATION NUMBER: US/09/489,039A
CURRENT FILING DATE: 2000-01-27
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PRIOR FILING DATE: 1999-09-24
NUMBER OF SEQ ID NOS: 7
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TYPE: PRT
ORGANISM: Artificial Sequence
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LENGTH: 469
TYPE: PRT
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29; Conserv
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Pred. No. 2.4e-05;
1; Mismatches 5
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Pred. No. 2.4e-05;
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Maximum Match 100%
Listing first 45 summaries
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1: /cgn2_6/ptodata/2/pubpaa/US07_PUBCOMB.pep:*

2: /cgn2_6/ptodata/2/pubpaa/PCT_NEW_PUB.pep:*

3: /cgn2_6/ptodata/2/pubpaa/US06_PUBCOMB.pep:*

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Copyright (c) 1993 - 2005 Compugen Ltd
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US-09-816-989A-3

Sequence 3, Application US/09816989A Patent No. US20020115103A1

GENERAL INFORMATION:
APPLICANT: Gad, Alexander
APPLICANT: Lis, Doris

AS MOLECULAR WEIGHT MARKI

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TITLE OF INVENTION: COPOLYMER 1 RELATED POLYPEPTIDES FOR USE AS I TITLE OF INVENTION: AND FOR THERAPEUTIC USE FILE REFERENCE: 2609/60807-A-PCT-US CURRENT APPLICATION NUMBER: US/09/816,989A CURRENT FILING DATE: 2001-03-23 PRIOR APPLICATION NUMBER: 605/101,693 PRIOR FILING DATE: 1998-09-25 PRIOR FILING DATE: 1998-09-25 PRIOR FILING DATE: 1998-09-24 PRIOR FILING DATE: 1999-09-24 NUMBER OF SEQ ID NOS: 7 SOFTWARE: Patentin version 3.1 SEQ ID NOS: 7 SEQ ID NOS: 7 TYPE: PRIOR PRIOR FILING DATE: 1999-09-24 PRIOR 
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Pred. No. 1.8e-18;
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US-10-792-311-3
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PRIOR FILING DATE: 2001-03-23
PRIOR PPLICATION NUMBER: 60/101,693
PRIOR FILING DATE: 1998-09-25
PRIOR APPLICATION NUMBER: PCT/US99/22402
PRIOR FILING DATE: 1999-09-24
NUMBER OF SEQ ID NOS: 7
SOFTWARE: Patentin version 3.1
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APPLICANT: Gad, Alexander
APPLICANT: Lis, Doris
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LENGTH: 56
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CURRENT APPLICATION NUMBER: US/10/792,311
CURRENT FILING DATE: 2004-03-02
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LENGTH: 77
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                          YKAEAAKAAAKEAAYEA 56
                                                                                              AKKYAKKEKAYAKKAEKAAKKAEAKAYKAAEAKKKAKAEAKKYAKAAKAEKKEYAAAEAK 60
                                                                                                                                                                                                                                                  Conservative
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Pred. No. 2.2e-16;
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Pred. No. 1.8e-18;
D; Mismatches 0;
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                                                                ; OTHER INFORMATION: Description of Artificial Sequence: Synthetic Peptide US-09-816-989A-6
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                                                                                                                                                                                       PRIOR APPLICATION NUMBER: 60/101,693
PRIOR FILING DATE: 1998-09-25
PRIOR APPLICATION NUMBER: PCT/US99/22402
PRIOR FILING DATE: 1999-09-24
NUMBER OF SEQ ID NOS: 7
SOFTWARE: Patentin version 3.1
SEQ ID NO 6
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Best Local Similarity
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Query Match
Best Local Similarity
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Patent No. US20020115103A1
                                                                                                                                                                                                                                                                                                                                          TITLE OF INVENTION: COPOLYMER 1 RELATED POLYPEPTIDES FOR USE AS MOLECULAR WEIGHT MARKI TITLE OF INVENTION: AND FOR THERAPEUTIC USE FILE REFERENCE: 2609/60807-A-PCT-US
CURRENT APPLICATION NUMBER: US/09/816,989A
CURRENT FILING DATE: 2001-03-23
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SOFTWARE: PatentIn version 3.1
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PRIOR FILING DATE: 1998-09-25
PRIOR APPLICATION NUMBER: PCT/US99/22402
PRIOR FILING DATE: 1999-09-24
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CURRENT FILING DATE: 2004-03-02
PRIOR APPLICATION NUMBER: US/09/816,989
PRIOR FILING DATE: 2001-03-23
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ORGANISM: Artificial Sequence
                                                                                                                            TYPE: PRT
ORGANISM: Artificial Sequence
                                                                                                          FEATURE:
                                                                                                                                                                      LENGTH: 86
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Pred. No. 2.2e-16;
0; Mismatches 0;
  Score 233; DB 9;
Pred. No. 3.8e-15;
                      Length 86;
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CURRENT FILING DATE: 2004-03-02
PRIOR APPLICATION NUMBER: US/09/816,989
PRIOR FILING DATE: 2001-03-23
PRIOR APPLICATION NUMBER: 60/101,693
PRIOR FILING DATE: 1998-09-25
PRIOR APPLICATION NUMBER: PCT/US99/22402
PRIOR FILING DATE: 1999-09-24
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LENGTH: 86
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Publication No. US20050038233A1
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SEQ ID NO 4
LENGTH: 66
                                                      APPLICANT: Lis, Doris
TITLE OF INVENTION: COPOLYMER 1 RELATED POLYPEPTIDES FOR USE AS MOLECULAR WEIGHT MARK
TITLE OF INVENTION: AND FOR THERAPEUTIC USE
FILE REFERENCE: 2609/60807-A-PCT-US
CURRENT APPLICATION NUMBER: US/09/816,989A
CURRENT FILING DATE: 2001-03-23
PRIOR APPLICATION NUMBER: 60/101,693
PRIOR PILING DATE: 1998-09-25
PRIOR APPLICATION NUMBER: PCT/US99/22402
PRIOR FILING DATE: 1998-09-24
NUMBER: OF SEO ID NOS: 7
NUMBER: OF SEO ID NOS: 7
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TITLE OF INVENTION: COPOLYMER 1 RELATED POLYPEPTIDES
TITLE OF INVENTION: AND FOR THERAPEUTIC USE
FILE REFERENCE: 2609/60807-A-PCT-US
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TYPE: PRT
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                                         SOFTWARE: PatentIn version 3.1
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Pred. No. 3.8e-15;
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Fest Local (
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APPLICANT: Lis, Doris
ITILE OF INVENTION: COOLYMER 1 RELATED POLYPEPTIDES FOR USE AS MOLECULAR WEIGHT MARKE
TITLE OF INVENTION: AND FOR THERAPEUTIC USE
FILE REFERENCE: 2609/60807-A-PCT-US
CURRENT APPLICATION NUMBER: US/09/816,989A
CURRENT FILING DATE: 2001-03-23
PRIOR APPLICATION NUMBER: 60/101,693
PRIOR FILING DATE: 1998-09-25
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PRIOR APPLICATION NUMBER: 60/101,693
PRIOR FILING DATE: 1998-09-25
PRIOR APPLICATION NUMBER: PCT/US99/22402
PRIOR FILING DATE: 1999-09-24
NUMBER OF SEQ ID NOS: 7
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OTHER INFORMATION:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  ORGANISM: Artificial Sequence
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TYPE: PRT
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Similarity
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Pred. No. 6.3e-12;
2; Mismatches 1
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Pred. No. 6.3e-12;
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TITLE OF INVENTION: COPOLIMER 1 RELATED POLYPEPTIDES FOR TITLE OF INVENTION: AND FOR THERAPEUTIC USE FILE REFERENCE: 2609/60807-A-PCT-US.
CURRENT APPLICATION NUMBER: US/10/792,311
CURRENT FILING DATE: 2004-03-02
PRIOR APPLICATION NUMBER: US/99816,989
PRIOR FILING DATE: 2001-03-23
PRIOR FILING DATE: 1901-03-23
PRIOR FILING DATE: 1998-09-24
PRIOR FILING DATE: 1998-09-24
NUMBER OF SEQ ID NOS: 7
SOFTWARE: PATENTIN VERSION 3.1
SEQ ID NO 7
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                                                                                        US-09-816-989A-2
                                                                                                          RESULT 11
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LENGTH: 109
TYPE: PRT
Sequence 2, Application US/09816989A
Patent NO. US20020115103A1
GENERAL INFORMATION:
APPLICANT: Gad, Alexander
APPLICANT: Lis, Doris
                                                                                                                                                                                                                                                                                                                        Query Match
Best Local Similarity
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 GENERAL INFORMATION:
APPLICANT: Gad, Alexander
APPLICANT: Lis, Doris
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PRIOR PILING DATE: 199-09-24
NUMBER OF SEQ ID NOS: 7
SOFTWARE: PatentIn version 3.1
                                                                                                                                                                                                                                                                                                                                                                                                            LENGTH: 109
TYPE: PRT
ORGANISM: Artificial Sequence
FEATURE:
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Pred. No. 4.9e-10;
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US-10-282-122A-68109
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Publication No. US20050038233A1
GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                  PRIOR APPLICATION NUMBER: 60/101,693
PRIOR FILING DATE: 1998-09-25
PRIOR APPLICATION NUMBER: PCT/US99/22402
PRIOR FILING DATE: 1999-09-24
NUMBER OF SEQ ID NOS: 7
SOFTWARE PatentIn version 3.1
SEQ ID NO 2
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Best Local Similarity
Matches 39; Conserv
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                                                                                                                                                               Matches
                                                                                                                                                                                                     Query Match
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CURRENT APPLICATION NUMBER: US/10/792,311
CURRENT FILING DATE: 2004-03-02
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CURRENT APPLICATION NUMBER: US/09/816,989A
CURRENT FILING DATE: 2001-03-23
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PRIOR FILING DATE: 1998-09-25
PRIOR APPLICATION NUMBER: PCT/US99/22402
PRIOR FILING DATE: 1999-09-24
NUMBER OF SEQ ID NOS: 7
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                                                                                                                                                                                                                                                                OTHER INFORMATION: Description of Artificial Sequence: Synthetic Peptide
                                                                                                                                                                                                                                                                                   TYPE: PRT ORGANISM: Artificial Sequence FEATURE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                LENGTH: 45
TYPE: PRT
ORGANISM: Artificial Sequence
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                                                                                                                                                                                    Local
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                                                                                                                                                                                    Similarity
                                                                                                       AKKYAKKEKAYAKKAEKAAKKAEAKAYKAAEAKKKAEAKY-KAEAAKAAAKEAAYEA 56
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Pred. No. 4.6e-06;
0; Mismatches
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Pred. No. 4.6e-06;
0; Mismatches 5;
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; Sequence 68109, Application US/10282122A; Publication No. US20040029129A1; GENERAL INFORMATION:

APPLICANT: Wang, Liangsu APPLICANT: Zamudio, Carlo APPLICANT: Malone, Cheryl

, Liangsu udio, Carlos

Ohlsen,

Haselbeck, Robert

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US-10-282-122A-67145
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SOFTWARE: PatentIn version 3.1
SEQ ID NO 68109
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Matches
                                                                                                                                                                                                                                                                                                                                               Sequence 67145, Application US/10282122A Publication No. US20040029129A1
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APPLICANT: Zamudio, Carlos
APPLICANT: Malone, Cheryl
APPLICANT: Haselbeck, Robert
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CURRENT APPLICATION NUMBER: US/10/282,122A
CURRENT FILING DATE: 2003-02-20
PRIOR APPLICATION NUMBER: 60/191,078
PRIOR FILING DATE: 2000-03-21
PRIOR FILING DATE: 2000-03-21
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    PRIOR APPLICATION NUMBER: 60/267,636
PRIOR FILING DATE: 2001-02-09
PRIOR APPLICATION NUMBER: 60/269,308
PRIOR FILING DATE: 2001-02-16
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IITLE OF INVENTION: Identification of Essential Genes in Microorganisms FILE REFERENCE: ELITRA.034A CURRENT APPLICATION NUMBER: US/10/282,122A CURRENT FILING DATE: 2003-02-20
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PRIOR FILING DATE: 2000-05-23
PRIOR APPLICATION NUMBER: 60/207,727
PRIOR FILING DATE: 2000-05-26
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TITLE OF INVENTION: Identification of Essential
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PRIOR FILING DATE: 2000-09-06
                                                                                 PPLICANT:
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FILING DATE: 2000-10-23
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                                                                                                                                                                                                                                                                                                                         INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                      113 REAAEAKKAEDAAKAAEAA--KAAEAKKAAEAKKADEAKKAAEKQQA 157
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                                                                                           Carr, Grant
Yamamoto, Robert
Forsyth, R.
                                                                                                                                                           Wall, Daniel
Trawick, John
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Zyskind, Judith
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Yamamoto, Robert
Forsyth, R.
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Pred. No. 0.002;
2; Mismatches 12;
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U3-10-282-122A-56483; Sequence 56483; Application US/10282122A; Publication No. US:20040029129A1
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SOFTWARE: PatentIn version 3.1
SEQ ID NO 67145
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Query Match
Best Local :
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CURRENT APPLICATION NUMBER: US/10/282,122A
CURRENT FILING DATE: 2003-02-20
PRIOR APPLICATION NUMBER: 60/191,078
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PRIOR APPLICATION NUMBER: 60/269,308
PRIOR FILING DATE: 2001-02-16
                                                                                                                                         PRIOR APPLICATION NUMBER: PRIOR FILING DATE: 2000-0
                                                                                                                                                                                                                   PRIOR FILING DATE:
                                                                                                                                                                                                                                                                                                           TITLE OF INVENTION: Identification of Essential Genes
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              APPLICANT:
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                                               APPLICATION NUMBER: 60/230,335
FILING DATE: 2000-09-06
APPLICATION NUMBER: 60/230,347
FILING DATE: 2000-09-09
APPLICATION NUMBER: 60/242,578
                                                                                                                                                                           APPLICATION NUMBER: 60/206,848 FILING DATE: 2000-05-23
APPLICATION NUMBER: 60/253,625 FILING DATE: 2000-11-27
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FILING DATE: 2000-11-27
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FILING DATE: 2000-09-06
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                                FILING DATE: 2000-10-23
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33; Conserv
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Zyskind, Judith
Wall, Daniel
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Malone, Cheryl
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Yamamoto, Robert
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Pred. No. 0.0021;
7; Mismatches 15,
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; PRIOR FILING DATE: 2000-12-22
; PRIOR APPLICATION NUMBER: 60/267,636
; PRIOR FILING DATE: 2001-02-09
; PRIOR APPLICATION NUMBER: 60/269,308
; PRIOR FILING DATE: 2001-02-16
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 78614
; SOFTWARE: Patentin version 3.1
; SEQ ID NO 56483
; ENGTH: 421
; TYPE: PRT
; ORGANISM: Escherichia coli
US-10-282-122A-56483
Search completed: July 27, 2005, 02:06:47 Job time: 56.5907 secs
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Result
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Maximum DB
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/cgn2_6/ptodata/1/iaa/5B_COMB.pep:*
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US-09-816-989A-7
US-09-816-989A-7
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US-09-816-989A-7
US-09-816-989A-2
US-09-248-796A-26989
US-09-248-796A-26989
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US-09-248-796A-26989
US-09-405-743A-1
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US-09-405-743A-1
US-09-405-743A-1
US-09-405-743A-1
US-09-816-989A-1
US-09-995-815-201
US-09-205-426-201
US-09-205-426-201
US-09-252-991A-5390
US-09-252-991A-5390
US-09-252-991A-5398
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13565, A
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Matches 56
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91.5	91.5	91.5	92.5	92.5	94	94	94	94	94	94.5	94.5	95.5	97	98	99.5	100	100
34.4	34.4	34.4	34.8	34.8	35.3	35.3	35.3	35.3	35:3	35.5	35.5	35.9	36.5	36.8	37.4	37.6	37.6
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Sequence	Sequence	Sequence	Sequence	Sequence	Sequence	Sequence	Sequence	Sequence	Sequence	Sequence	Sequence	Sequence	Sequence	Sequence	Sequence	Sequence	Sequence
16, Appl	16, Appl	16, Appl	8, Appli	8, Appli	5734, Ap	2, Appli	•	2, Appli	2, Appli	27, Appl	27, Appl	15564, A	25676, A	18922, A	5, Appli	5094, Ap	5169, Ap

#### ALIGNMENTS

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US-09-405-743A-3
Sequence 3, Application US/09405743A
Patent No. 6514938
GENERAL INFORMATION:
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APPLICANT: Lis, Doris
TITLE OF INVENTION: AND FOR THERAPEUTIC USE
TITLE OF INVENTION: AND FOR THERAPEUTIC USE
FILE REFERENCE: 2609/60807-A-PCT-US
CURRENT FILING DATE: 2001-03-23
PRIOR APPLICATION NUMBER: 60/101,693
PRIOR FILING DATE: 1999-09-25
PRIOR FILING DATE: 1999-09-25
PRIOR APPLICATION NUMBER: PCT/US99/22402
PRIOR APPLICATION NUMBER: PCT/US99/22402
PRIOR FILING DATE: 1999-09-24
NUMBER OF SEQ ID NOS: 7
SOFTWARE: Patentin version 3.1
SEQ ID NO 3
LENGTH: 56
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TITLE OF INVENTION: GLATIRAMER ACETATE MOLECULAR WEIGHT MARKERS
FILE REPERENCE: 60807-A
CURRENT APPLICATION NUMBER: US/09/405,743A
CURRENT FILING DATE: 1999-09-24
NUMBER OF SEQ ID NOS: 7
SOFTWARE: Patentin Ver. 2.1
SOFTWARE: Patentin Ver. 2.1
SEQ ID NO 3
LENGTH: 56
TYPE: PRT
ORGANISM: Artificial Sequence
                                                                                                                                                                                                                                                                                                                                                         GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                               Sequence 3, Application US/09816989A Patent No. 6800287
                                                                                                                                                                                                                                                                                                           APPLICANT: Gad, Alexander APPLICANT: Lis, Doris
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Similarity 100.0%;
56; Conservative 0
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Pred. No. 3.2e-20;
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US-09-816-989A-3
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LENGTH: 77
TYPE: PRT
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Matches
                                                  NUMBER OF SEQ ID NOS: 7
SOFTWAKE: PatentIn version 3.1
SEQ ID NO 5
LENGTH: 77
TYPE: PRT
                                                                                                                                                                                                                                                                                                                                         Sequence 5, Application US/09816989A Patent No. 6800287 GENERAL INFORMATION:
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Best Local Similarity
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Query Match
                                                                                                                                      TITLE OF INVENTION: COPOLYMER 1 RELATED POLYPEPTIDES FOR USE AS MOLECULAR WEIGHT MARK TITLE OF INVENTION: AND FOR THERAPEUTIC USE FILE REFERENCE: 2609/60807-A-PCT-US CURRENT APPLICATION NUMBER: US/09/816,989A CURRENT FILING DATE: 2001-03-23 PRIOR APPLICATION NUMBER: 60/101,693 PRIOR APPLICATION NUMBER: 60/101,693 PRIOR FILING DATE: 1998-09-25 PRIOR PILING DATE: 1998-09-25 PRIOR FILING DATE: 1998-09-24 PRIOR FILING DATE: 1999-09-24
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CURRENT APPLICATION NUMBER: US/09/405,743A
CURRENT FILING DATE: 1999-09-24
NUMBER OF SEQ ID NOS: 7
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ORGANISM: Artificial Sequence
FEATURE:
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OTHER INFORMATION: Description of Artificial Sequence:
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VENTION: GLATIRAMER ACETATE MOLECULAR WEIGHT MARKERS
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; LENGTH: 86
; TYPE: PRT
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description
; OTHER INFORMATION: PEPTIDE
US-09-405-743A-6
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US-09-816-989A-6
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LENGTH: 86
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SEQ ID NO 6
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Best Local Similarity
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                                                                                                               CURRENT APPLICATION NUMBER: US/09/816,989A
CURRENT FILING DATE: 2001-03-23
PRIOR APPLICATION NUMBER: 60/101,693
PRIOR FILING DATE: 1998-09-25
PRIOR APPLICATION NUMBER: PCT/US99/22402
PRIOR FILING DATE: 1999-09-24
NUMBER OF SEQ ID NOS: 7
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TITLE OF INVENTION: COPOLYMER 1 RELATED POLYPEPTIDES FOR USE AS MOLECULAR WEIGHT MARKE
TITLE OF INVENTION: AND FOR THERAPEUTIC USE
FILE REFERENCE: 2609/60807-A-PCT-US
                                                                                                      SOFTWARE: PatentIn version 3.1
                                                                                                                                                                                                                                                                                               APPLICANT: Gad, Alexander APPLICANT: Lis, Doris
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FEATURE:
OTHER INFORMATION:
                                                     TYPE: PRT
                                  ORGANISM: Artificial Sequence
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o. 6800287
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o. 6514938
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Pred. No. 5e-18;
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Pred. No. 9.9e-17;
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Description of Artificial Sequence: Synthetic Peptide

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                                                                                                                                                                                                                                                                                                                             Patent No.
                                                                                                                                         TITLE OF INVENTION: COPOLYMER 1 RELATED POLYPEPTIDES FOR USE AS MOLECULAR WEIGHT MARK TITLE OF INVENTION: AND FOR THERAPEUTIC USE FILE REFERENCE: 2609/60807-A-PCT-US CURRENT APPLICATION NUMBER: US/09/816,989A CURRENT FILING DATE: 2001-03-23 PRIOR APPLICATION NUMBER: 607/101,693 PRIOR APPLICATION NUMBER: 607/101,693 PRIOR APPLICATION NUMBER: 607/10599/22402
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CURRENT FILING DATE: 1999-09-24
NUMBER OF SEQ ID NOS: 7
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                                                                                               SOFTWARE: PatentIn version 3.1
                                                                                                                                PRIOR FILING DATE:
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                                                                                                                 NUMBER OF SEQ ID NOS:
                                                                                                                                                                                                                                                                             APPLICANT: Gad, Alexander APPLICANT: Lis, Doris
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TYPE: PRT
ORGANISM: Artificial Sequence
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                  ORGANISM: Artificial Sequence FEATURE:
NTHER INFORMATION: Description of Artificial Sequence: Synthetic Peptide
                                                                ENGTH:
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les 53; Conservative
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//ENTION: GLATIRAMER ACETATE MOLECULAR WEIGHT MARKERS
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Pred. No. 2.4e-13;
2; Mismatches 1
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Best Local Similarity
                                                                              SEQ ID NO 7
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                                                                                                                                                                                                                                                                                                                             Patent No.
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OTHER INFORMATION:
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                                                 TYPE: PRT
                                                              ENGTH:
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Sequence 7, Application US/09405743A
Patent No. 6514938
                                                                                                                                  PRIOR APPLICATION NUMBER: 60/101,693
PRIOR FILING DATE: 1998-09-25
PRIOR APPLICATION NUMBER: PCT/US99/22402
PRIOR FILING DATE: 1999-09-24
NUMBER OF SEQ ID NOS: 7
SOFTWARE: Patentin version 3.1
                                                                                                                                                                                                                                                                       TITLE OF INVENTION: COPOLYMER 1 RELATED POLYPEPTIDES FOR USE AS MOLECULAR WEIGHT MARKI TITLE OF INVENTION: AND FOR THERAPEUTIC USE FILE REFERENCE: 2609/60807-A-PCT-US CURRENT APPLICATION NUMBER: US/09/816,989A CURRENT FILING DATE: 2001-03-23
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CURRENT APPLICATION NUMBER: US/09/405,743A
CURRENT FILING DATE: 1999-09-24
NUMBER OF SEQ ID NOS: 7
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APPLICANT: Lis, Doris
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TYPE: PRT
ORGANISM: Artificial Sequence
OTHER INFORMATION: Description of Artificial Sequence: Synthetic Peptide
                                           ORGANISM: Artificial Sequence
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Application US/09816989A
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Pred. No. 2.2e-11;
3; Mismatches 3
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Pred. No. 2.4e-13;
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US-09-816-989A-2
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Matches
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SEQ ID NO 2
LENGTH: 45
TYPE: PRT
ORGANISM: Artificial Sequence
Best Local Similarity
                                                                                                                                                          NUMBER OF SEQ ID NOS: 7
SOFTWARE: PatentIn version 3.1
SEQ ID NO 2
                                                                                                                                                                                                                                                                                                                                                                                      GENERAL INFORMATION:
APPLICANT: Gad, Alexander
APPLICANT: Lis, Doris
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                                                                                                                                                                                                                                                                                                                                                                                                                                             Sequence 2, Application US/09816989A Patent No. 6800287
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CURRENT FILING DATE: 1999-09-24
NUMBER OF SEQ ID NOS: 7
                                                                                                                                                                                                                                   TITLE OF INVENTION: COPOLYMER 1 RELATED POLYPEPTIDES FOR USE AS MOLECULAR WEIGHT MARK TITLE OF INVENTION: AND FOR THERAPEUTIC USE EILE REFERENCE: 2609/6807-A-PCT-US CURRENT APPLICATION NUMBER: US/09/816,989A CURRENT FILING DATE: 2001-03-23 PRIOR APPLICATION NUMBER: 60/101,693 PRIOR APPLICATION NUMBER: 60/101,693 PRIOR APPLICATION NUMBER: 60/25
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TITLE OF INVENTION:
FILE REFERENCE: 608
                                                                                                                                                                                                                     PRIOR FILING DATE:
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                                                                  FEATURE: OTHER INFORMATION: Description of Artificial Sequence:
                                                                                                                            LENGTH: 45
TYPE: PRT
                                                                                                          ORGANISM: Artificial Sequence
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Yeda Research and Development Co., Ltd.
VENTION: GLATIRAMER ACETATE MOLECULAR WEIGHT MARKERS
INCE: 60807-A
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Pred. No. 3.5
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Pred. No. 2.2e-11;
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134.5; DB 4;
No. 3.5e-07;
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               Length 45
                                                                      Synthetic Peptide
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PRIOR FILING DATE: 1998-02-13
PRIOR APPLICATION NUMBER: US 60/096,409
PRIOR FILING DATE: 1998-08-13
NUMBER OF SEQ ID NOS: 28208
SEQ ID NO 26122
                                                                                                                                                                                                                                                                                                                                                                                                                                GENERAL INFORMATION:
APPLICANT: Keith Weinstock et al
APPLICANT: Keith Weinstock et al
TITLE OF INVENTION: NUCLEIC ACID AND AMINO ACID SEQUENCES
TITLE OF INVENTION: FOR DIAGNOSTICS AND THERAPEUTICS
FILE REFERENCE: 107196.132
CURRENT APPLICATION NUMBER: US/09/248,796A
CURRENT FILING DATE: 1999-02-12
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Best Local
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CURRENT APPLICATION NUMBER: US/09/248,796A
CURRENT FILING DATE: 1999-02-12
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                                                                                                                                                                                                            ORGANISM: Candida FEATURE: NAME/KEY: UNSURE
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122 KKEEEAKKKEEEAKKKAEEAKKKAEEAKKVEEAAKKAEEAKKAEEEARKKA 172
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o. 6747137
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                                                                                             Similarity
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                                  ККЕКАУАККАЕКААККАЕАКАУКААЕАКККАЕАКУКАЕААКАААКЕААУЕА 56
                                                                                                                                                                                             (42)
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                                                                           Conservative
                                                                                                                                                                                                                                                      albicans
                                                                                                                                                                       Identity of amino acid sequences at the above locations are unknow
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                                                                                           41.4%;
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                                                                         4; Mismatches
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Pred. No. 0.0003;
                                                                                         Score 110; DB 4;
Pred. No. 0.0006;
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                                                                                                            Length 264;
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RESULT 15

US-09-489-039A-13565
; Sequence 13565, Application US/09489039A
; Sequence 13565, Application US/09489039A
; Patent NO. 6610836
; GENERAL INFORMATION:
APPLICANT: Gary Breton et. al
; APPLICANT: GUCLEIC ACID AND AMINO ACID SEQUENCES RELATING TO KLEBSIELLA
; TITLE OF INVENTION: PNEUMONIAE FOR DIAGNOSTICS AND THERAPEUTICS
; FILE REFERENCE: 2709.2004001
; CURRENT FILING NUMBER: US/09/489,039A
; CURRENT FILING DATE: 2000-01-27
; PRIOR APPLICATION NUMBER: US 60/117,747
; PRIOR FILING DATE: 1999-01-29
; NUMBER OF SEQ ID NOS: 14342
; SEQ ID NO 13565
; LENGTH: 469
; TYPE: PRT
; ORGANISM: Klebsiella pneumoniae
US-09-489-039A-13565
Search completed: July 27, 2005, 01:26:46 Job time: 17.5401 secs
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                                                                                                                                                                                                                                                                                                  Query Match 40.8%; Score 108.5; DB 4; Length 469; Best Local Similarity 55.7%; Pred. No. 0.0015; Matches 34; Conservative 7; Mismatches 13; Indels 7; Gaps
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Result
No.
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Maximum Match 100%
Listing first 45 summaries
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Maximum DB
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Run
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seq length: 2000000000
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Match
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1: /cgn2_6/ptodata/2/pubpaa/USO7_PUBCOMB.pep:*
2: /cgn2_6/ptodata/2/pubpaa/PCT_NEW_PUB.pep:*
3: /cgn2_6/ptodata/2/pubpaa/USO6_NEW_PUB.pep:*
4: /cgn2_6/ptodata/2/pubpaa/USO6_PUBCOMB.pep:*
5: /cgn2_6/ptodata/2/pubpaa/USO7_NEW_PUB.pep:*
6: /cgn2_6/ptodata/2/pubpaa/PCTUS_PUBCOMB.pep:*
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Copyright (c) 1993 - 2005 Compugen Ltd
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/cgn2_6/ptodata/2/pubpaa/US08_PUBCOMB.pep:*
/cgn2_6/ptodata/2/pubpaa/US08_PUBCOMB.pep:*
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VS-09-816-989A-5

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7 US-10-792-311-6

VS-09-816-989A-7

7 US-10-792-311-7
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### ALIGNMENTS

JS-09-816-989A-4

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CURRENT APPLICATION NUMBER: US/09/816,989A
CURRENT FILING DATE: 2001-03-23
PRIOR APPLICATION NUMBER: 60/101,693
PRIOR FILING DATE: 1998-09-25
PRIOR APPLICATION NUMBER: ECT/US99/22402
PRIOR FILING DATE: 1999-09-24
NUMBER OF SEQ ID NOS: 7
SOPTWARE: Patentin version 3.1
SEQ ID NO 4
LENGTH: 66
                                                                                                                                                              ; FEATURE: ; OTHER INFORMATION: Description of Artificial Sequence: Synthetic US-09-816-989A-4
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Sequence 4, Application US/09816989A
Patent No. US20020115103A1
GENERAL INFORMATION:
APPLICANT: Gad, Alexander
APPLICANT: Lis, Doris
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                                                                                Query Match
Best Local Similarity
Matches 66; Conserv
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                                                                                                                                                                                                                             ORGANISM: Artificial Sequence
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1 AKKYAKKEKAYAKAKKABAKAAKKAKABAKKYAKABAKABKKEYAAABAKYKABAAKAAAK 60
                                                                                100.0%; ilarity 100.0%; Conservative 0;
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                                                                                Score 313; DB 9;
Pred. No. 7.3e-22;
; Mismatches 0;
                                                                                                                     Length
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US-10-792-311-3 US-10-282-122A-56483

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                                                                                                                                                         NUMBER OF SEQ ID NOS: 7
SOFTWARE: PatentIn version 3.1
SEQ ID NO 5
LENGTH: 77
Query Match
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SEQ ID NO 4
LENGTH: 66
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                                                                                                                                                                                                                                        APPLICANT: Gad, Alexander
APPLICANT: Lis, Doris
TITLE OF INVENTION: COPOLYMER 1 RELATED POLYPEPTIDES FOR USE AS MOLECULAR WEIGHT MARK
TITLE OF INVENTION: AND FOR THERAPEUTIC USE
FILE REFERENCE: 2609/60807-A-PCT-US
CURRENT APPLICATION NUMBER: US/09/816,989A
CURRENT FILING DATE: 2001-03-23
PRIOR APPLICATION NUMBER: 60/101,693
PRIOR APPLICATION NUMBER: 60/101,693
PRIOR APPLICATION NUMBER: PCT/US99/22402
PRIOR APPLICATION NUMBER: PCT/US99/22402
PRIOR FILING DATE: 1998-09-24
PRIOR FILING DATE: 1999-09-24
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CURRENT APPLICATION NUMBER: US/9/816,989

PRIOR PILLING DATE: 2001-03-22

PRIOR PILLING DATE: 2001-03-23

PRIOR PILLING DATE: 2001-03-23

PRIOR PILLING DATE: 1909-09-25

PRIOR APPLICATION NUMBER: GO/101,693

PRIOR APPLICATION NUMBER: FCT/US99/22402

PRIOR PILLING DATE: 1999-09-24

NUMBER: OF SEQ ID NOS: 7

PRIOR FILLING DATE: 1999-09-24

NUMBER: OF SEQ ID NOS: 7
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                                                                                             ORGANISM: Artificial Sequence FEATURE:
                                                                                                                                           TYPE: PRT
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                                                                   OTHER INFORMATION: Description of Artificial
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  Score 282.5;
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Pred. No. 7.3e-22;
0; Mismatches 0;
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                                                                   Sequence: Synthetic
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Length 77;
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LENGTH: 77
TYPE: PRT
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SOFTWARE: PatentIn version 3.1
SEQ ID NO 6
LENGTH: 86
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Sequence 6, Application US/09816989A Patent No. US20020115103A1
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                                                                                                 APPLICANT: Lis, Doris
TITLE OF INVENTION: COPOLYMER 1 RELATED POLYPEPTIDES FOR
TITLE OF INVENTION: AND FOR THERAPEUTIC USE
FILE REFERENCE: 2609/60807-A-PCT-US
CURRENT APPLICATION NUMBER: US/09/816,989A
CURRENT FILING DATE: 2001-03-23
PRIOR APPLICATION NUMBER: 60/101,693
PRIOR PILING DATE: 1998-09-25
PRIOR APPLICATION NUMBER: PCT/US99/22402
PRIOR FILING DATE: 1999-09-24
NUMBER: OF SEQ. ID NOS: 7
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PRIOR FILING DATE: 1999-09-24
NUMBER OF SEQ ID NOS: 7
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Pred. No. 5.4e-19;
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                                                                                                                                                         Sequence 7, Application US/09816989A Patent No. US20020115103A1 GENERAL INFORMATION:
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              APPLICANT: Lis, Doris
TITLE OF INVENTION: COPOLYMER 1 RELATED POLYPEPTIDES
TITLE OF INVENTION: AND FOR THERAPEUTIC USE
FILE REFERENCE: 2609/60807-A-PCT-US
CURRENT APPLICATION NUMBER: US/09/816,989A
CURRENT FILING DATE: 2001-03-23
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   PRIOR APPLICATION NUMBER: US/09/816,989
PRIOR FILING DATE: 2001-03-23
PRIOR APPLICATION NUMBER: 60/101,693
PRIOR FILING DATE: 1998-09-25
PRIOR APPLICATION NUMBER: PCT/US99/22402
PRIOR FILING DATE: 1999-09-24
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CURRENT APPLICATION NUMBER: US/10/792,311
CURRENT FILING DATE: 2004-03-02
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                                                                                                                APPLICANT: Gad, Alexander APPLICANT: Lis, Doris
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PRIOR APPLICATION NUMBER: 60/101,693
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     OTHER INFORMATION: Description of Artificial Sequence: Synthetic Peptide
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75.6%;
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75.6%;
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Pred. No. 1.3e-17;
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RESULT 9

US-09-816-989A-3

; Sequence 3, Application US/09816989A; Patent No. US20020115103A1; GENERAL INFORMATION:

APPLICANT: Gad,

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; OTHER INFORMATION: Description of Artificial Sequence: Synthetic Peptide
US-10-792-311-7
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                                                                                                                                                     Matches
                                                                                                                                                                      Query Match
Best Local
                                                                                                                                                                                                                                                                                                                                             SEQ ID NO 7
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Best Local Similarity
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CURRENT APPLICATION NUMBER: US/10/792,311
CURRENT FILING DATE: 2004-03-02
PRIOR APPLICATION NUMBER: US/9/816,989
PRIOR FILING DATE: 2001-03-23
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PRIOR APPLICATION NUMBER: PCT/US99/22402
PRIOR FILING DATE: 1999-09-24
NUMBER OF SEQ ID NOS: 7
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PRIOR FILING DATE: 1998-09-25
PRIOR APPLICATION NUMBER: PCT/US99/22402
PRIOR FILING DATE: 1999-09-24
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                                                                                                                                                                                                                                                                                                                                                                                     NUMBER OF SEQ ID NOS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  APPLICANT: Gad, Alexander APPLICANT: Lis, Doris
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ORGANISM: Artificial Sequence
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               FEATURE:
                                                                                                                                                                                                                                                                                                                         LENGTH: 109
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                                                                                                                                                                    Local
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              cch 73.0%; al Similarity 56.9%; 62; Conservative
61
                   26 - KAEAKKYAKAAKAEKKEYAAAEAK-----YKAEAAKAAAKEAAYEA 66
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             61
                                                                                                                                                     62;
                                                                                                                                                                  Similarity
                                                                                                             AKKYAKK-EKAYAKAKKA-----EAKAAKKA----
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                                                                         AKKYAKKAEKAYAKKAKAAKEKKAYAKKEAKAYKAABAKKKAKAEAKKYAKEAAKAKKEA 60
                                                                                                                                                     Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Description of Artificial Sequence: Synthetic Peptide
                                                                                                                                                                  73.0%;
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                                                                                                                                                                Score 228.5;
Pred. No. 7.1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Score 228.5; DB 9
Pred. No. 7.1e-14;
                                                                                                                                                     Mismatches
                                                                                                                                                                    .1e-14;
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                                                                                                                                                                                      DB 17;
                                                                                                                                                   4.
                                                                                                                                                   Indels
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  43;
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                                                                                                                                                   Gaps
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CURRENT APPLICATION NUMBER: US/09/816,989A; CURRENT FILING DATE: 2001-03-23; PRIOR APPLICATION NUMBER: 60/101,693; PRIOR FILING DATE: 1998-09-25; PRIOR APPLICATION NUMBER: PCT/US99/22402; PRIOR FILING DATE: 1999-09-24; NUMBER OF SEQ ID NOS: 7; SOFTWARE: Patentin version 3.1; SEQ ID NO 3
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                                                                                                                                                                                                                                                     ; OTHER INFORMATION: Description of Artificial Sequence: Synthetic US-10-792-311-3
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US-09-816-989A-3
                                                                                                                                                                                                                                                                                                                                                      SOFTWARE: PatentIn version 3.1
SEQ ID NO 3
LENGTH: 56
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Sequence 3, Application US/10792311 Publication No. US20050038233A1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Query Match
Best Local S
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PRIOR FILING DATE: 2001-03-23
PRIOR APPLICATION NUMBER: 60/101,693
PRIOR FILING DATE: 1998-09-25
PRIOR APPLICATION NUMBER: PCT/US99/22402
PRIOR FILING DATE: 1999-09-24
NUMBER OF SEQ ID NOS: 7
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   APPLICANT: Lis, Doris
TITLE OF INVENTION: COPOLYMER 1 RELATED POLYPEPTIDES FOR USE AS MOLECULAR WEIGHT MARK
TITLE OF INVENTION: AND FOR THERAPEUTIC USE
FILE REFERENCE: 2609/60807-A-PCT-US
CURRENT APPLICATION NUMBER: US/10/792,311
CURRENT FILING DATE: 2004-03-02
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TITLE OF INVENTION: COPOLYMER 1 RELATED POLYPEPTIDES FOR USE AS MOLECULAR WEIGHT MARK
TITLE OF INVENTION: AND FOR THERAPEUTIC USE
FILE REFERENCE: 2609/60807-A-PCT-US
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           APPLICANT: Gad, Alexander APPLICANT: Lis, Doris
                                                                                                                                                                                                                                                                                                       TYPE: PRT ORGANISM: Artificial Sequence
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           LENGTH: 56
TYPE: PRT
ORGANISM: Artificial Sequence
FEATURE:
                                                                                                                                                                                                                                                                                              FEATURE:
                                                                                                                                                                                          Local
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                                                                                                      1 AKKYAKKEKAYAKAKAEAKAAKKAKAEAKKYAKAAKAEKKEYAAAEAKYKAEAAKAAAK 60
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53; Conserv
                                                                                                                                                                                          Similarity
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                                         EAAYEA 66
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                                                                                  AKKYAKKEKAY--AKKAE-KAAK--KAEAKAY-KAAEAKKK----AEAKYKAEAAKAAAK 50
                                                                                                                                                                    Conservative
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56
                                                                                                                                                                                      63.3%;
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                                                                                                                                                                Score 198; DB 17;
Pred. No. 2.3e-11;
2; Mismatches 1;
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                                                                                                                                                                                                       Length 56;
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RESULT 12 US-10-282-122A-59321

; Sequence 59321, Application US/10282122A
; Publication No. US20040029129A1
; GENERAL INFORMATION:
 APPLICANT: Wang, Liangsu
 APPLICANT: Wandoio, Carlos
 APPLICANT: Malone, Cheryl
; APPLICANT: Haselbeck, Robert

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US-10-282-122A-56483
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                                                                                                                                                                                                                                                                                                                   SEQ ID NO 56483
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APPLICANT:
APPLICANT:
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                                                                                                                                                                                                                                                                                                                                                                                                PRIOR FILING DATE: 2000-12-22
PRIOR APPLICATION NUMBER: 60/267,636
PRIOR FILING DATE: 2001-02-09
PRIOR APPLICATION NUMBER: 60/269,308
PRIOR FILING DATE: 2001-02-16
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                PRIOR APPLICATION NUMBER: 60/191,078
PRIOR FILLING DATE: 2000-03-21
PRIOR APPLICATION NUMBER: 60/206,848
PRIOR FILLING DATE: 2000-05-23
PRIOR APPLICATION NUMBER: 60/207,727
PRIOR FILLING DATE: 2000-05-26
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    TITLE OF INVENTION: Identification of Essential Genes in Microorganisms FILE REFERENCE: ELITEA.034A CURRENT APPLICATION NUMBER: US/10/282,122A CURRENT FILING DATE: 2003-02-20
                                                                                                                                                                                                                                                                                                                                      Remaining Prior Application data removed - See File Wrapper or PALM NUMBER OF SEQ ID NOS: 78614
SOFTWARE: Patentin version 3.1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 APPLICANT: Wang, Liangsu
APPLICANT: Zamudio, Carlc
APPLICANT: Malone, Cheryl
APPLICANT: Haselbeck, Rob
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                                                                                                                                                                                                                                                         TYPE: PRT ORGANISM: Escherichia coli
                                                                                                                                                                                                                                                                                                  LENGTH: 421
                                                                                                                                                                            Match 41.9%;
Local Similarity 52.6%;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                               FILING DATE: 2000-11-27
APPLICATION NUMBER: 60/257,931
FILING DATE: 2000-12-22
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               APPLICATION NUMBER: 60/230,335 FILING DATE: 2000-09-06
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           APPLICATION NUMBER: 60/253,625
194 KKKAEAAEAAAAEARKKA 211
                                                                            49 КҮКАЕААКАААКЕААҮЕА
                                                                                                                    1 АККУАККЕКАУАКАК-----КАЕАКААККАКАЕАККУАК-----ААКАЕКК-ЕУАААЕА 48
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                                                                                                                                                             Conservative
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                                                                                                                                                       Score 131; DB 15;
Pred. No. 0.00027;
Pred. No. 16;
                                     66
                                                                                                                                                                                                   Length 421;
                                                                                                                                                             Indels
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Zyskind, Judith Ohlsen, Kari

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GENERAL INCL...

GENERAL INCL...

APPLICANT: Wang, Line...

APPLICANT: Zamudio, Carlos

APPLICANT: Malone, Cheryl

APPLICANT: Haselbeck, Robert

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US-10-282-122A-55748
; Sequence 55748, Application US/10282122A
; Publication No. US20040029129A1
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; ORGANISM: Klebsiella pneumoniae
US-10-282-122A-59321
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CURRENT APPLICATION NUMBER: US/10/282,122A
CURRENT FILING DATE: 2003-02-20
PRIOR APPLICATION NUMBER: 60/191,078
PRIOR FILING DATE: 2000-03-21
PRIOR APPLICATION NUMBER: 60/206,848
PRIOR FILING DATE: 2000-05-26
PRIOR APPLICATION NUMBER: 60/207,727
PRIOR APPLICATION NUMBER: 60/207,727
PRIOR FILING DATE: 2000-05-26
PRIOR FILING DATE: 2000-05-26
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PRIOR FILING DATE: 2000-10-23
PRIOR APPLICATION NUMBER: 60/253,625
PRIOR FILING DATE: 2000-11-27
PRIOR APPLICATION NUMBER: 60/257,931
PRIOR FILING DATE: 2000-12-22
PRIOR APPLICATION NUMBER: 60/267,636
PRIOR APPLICATION NUMBER: 60/267,636
PRIOR APPLICATION NUMBER: 60/269,308
PRIOR APPLICATION NUMBER: 60/269,308
PRIOR FILING DATE: 2001-02-16
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SEQ ID NO 59321
LENGTH: 323
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Best Local :
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PRIOR FILING DATE: 2000-09-09
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PRIOR FILING DATE: 2000-09-06
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41.5%; Score 130; DB 15;
Local Similarity 57.7%; Pred. No. 0.00025;
nes 41; Conservative 6; Mismatches 18
REFERENCE: ELITRA.034A
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                   INVENTION: Identification of Essential Genes
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                                                                                                                               Ohlsen, Kari
Zyskind, Judith
Wall, Daniel
Trawick, John
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Yamamoto, Robert
Forsyth, R.
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                                                                Yamamoto, Ro
Forsyth, R.
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                                                                                         Robert
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                   in Microorganisms
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RESULT 14
U3-10-282-122A-67145
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SOFTWARE: PatentIn version 3.1
SEQ ID NO 55748
LENGTH: 428
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Best Local
TITLE OF INVENTION: Identification of Essential Genes in Microorganisms FILE REFERENCE: ELITRA.034A CURRENT APPLICATION NUMBER: US/10/282,122A CURRENT FILING DATE: 2003-02-20 PRIOR APPLICATION NUMBER: 60/191,078 PRIOR FILING DATE: 2000-03-21 PRIOR APPLICATION NUMBER: 60/291,078 PRIOR FILING DATE: 2000-05-23 PRIOR APPLICATION NUMBER: 60/207,727 PRIOR FILING DATE: 2000-05-26 PRIOR FILING DATE: 2000-09-06
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APPLICANT:
APPLICANT:
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APPLICANT:
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APPLICANT:
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PRIOR FILING DATE: 2000-09-09
PRIOR APPLICATION NUMBER: 60/242,578
PRIOR FILING DATE: 2000-10-23
PRIOR APPLICATION NUMBER: 60/253,625
PRIOR FILING DATE: 2000-11-27
PRIOR FILING DATE: 2000-11-27
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PRIOR FILING DATE: 2000-05-23
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       APPLICANT: Wang, Liangsu
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PRIOR FILING DATE: 2000-12-22
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PRIOR FILING DATE: 2000-09-06
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ORGANISM: Enterobacter cloacae
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Yamamoto, Robert
Forsyth, R.
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Zyskind, Judith
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Malone, Cheryl
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Trawick, John
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APPLICATION NUMBER: 60/ FILING DATE: 2000-09-09

60/230,347

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RESULT 15
US-10-282-122A-75047
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PRIOR FILLING DATE: 2000-10-23
PRIOR PELLORTION NUMBER: 60/253,625
PRIOR PELLONG DATE: 2000-11-27
PRIOR PELLONG DATE: 2000-12-27
PRIOR PELLONG DATE: 2000-12-22
PRIOR PELLONG DATE: 2001-02-03
PRIOR PELLONG DATE: 2001-02-03
PRIOR PELLONG DATE: 2001-02-16
PRIOR PELLONG DATE: 2001-02-16
PRIOR PELLONG DATE: 2001-02-16
PRIOR PELLONG DATE: 2001-02-16
PRIOR FILING DATE: 2000-09-09
PRIOR APPLICATION NUMBER: 60/242,578
PRIOR FILING DATE: 2000-10-23
PRIOR APPLICATION NUMBER: 60/253,625
PRIOR APPLICATION NUMBER: 60/257,931
PRIOR APPLICATION NUMBER: 60/257,931
PRIOR FILING DATE: 2000-12-22
PRIOR APPLICATION NUMBER: 60/267,636
PRIOR APPLICATION NUMBER: 60/267,636
PRIOR FILING DATE: 2001-02-09
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SEQ ID NO 67145
LENGTH: 389
TYPE: PRT
ORGANISM: Pasteurella multocida
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      APPLICANT: Wang, Liangsu
APPLICANT: Zamudio, Carlos
APPLICANT: Malone, Cheryl
APPLICANT: Haselbeck, Robe
APPLICANT: Ohlsen, Kari
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                                                                                                                                                                                                         TITLE OF INVENTION: Identification of Essential Genes in Microorganisms
FILE REFERENCE: ELITRA.034A
CURRENT APPLICATION NUMBER: US/10/282,122A
CURRENT FILING DATE: 2003-02-20
PRIOR APPLICATION NUMBER: 60/191,078
PRIOR FILING DATE: 2000-03-21
PRIOR PRIOR FILING DATE: 2000-05-23
PRIOR APPLICATION NUMBER: 60/207,727
PRIOR APPLICATION NUMBER: 60/207,727
PRIOR PILING DATE: 2000-05-26
PRIOR APPLICATION NUMBER: 60/203,335
PRIOR PILING DATE: 2000-09-06
PRIOR APPLICATION NUMBER: 60/230,335
PRIOR FILING DATE: 2000-09-06
PRIOR APPLICATION NUMBER: 60/230,335
PRIOR PILING DATE: 2000-09-06
PRIOR APPLICATION NUMBER: 60/230,335
PRIOR PILING DATE: 2000-09-06
PRIOR APPLICATION NUMBER: 60/230,337
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APPLICANT:
APPLICANT:
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APPLICANT:
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Yamamoto, Rc
Forsyth, R.
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Zyskind, Judith
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                                                                                                                                                                                                                           ; TYPE: PRT ; ORGANISM: Salmonella typhimurium US-10-282-122A-75047
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NUMBER OF SEQ ID NOS: 78614
SOPTWARE: PatentIn version 3.1
SEQ ID NO 75047
                                                                                                                                                  Query Match 39.8%;
Best Local Similarity 47.8%;
Matches 43; Conservative
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                                                                                                                                                                                                                                                                                     ENGTH: 407
245
                                                                           189 AKKKAEAEAAKAAAEAKKKAEAEAAKAAAEAKKKADAEAAKAAAEAKKKADAAAAK---- 244
                                   44 AAAEAKYKAEAA-----KAAAKEAA 63
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AAAEAKKKADAAAAKAAADAKKKAAAEKAA
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274
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Search completed: July 27, 2005, 02:06:48 Job time: 67.6962 secs

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Result
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Maximum Match 100%
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US-09-816-989A-5
US-09-405-743A-6
US-09-405-743A-7
US-09-816-989A-7
US-09-816-989A-7
US-09-816-989A-3
US-09-816-989A-3
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US-09-253-991A-29581
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US-09-317-264-27
US-09-411-889-27
US-09-415-264-27
US-09-415-264-27
US-09-415-264-27
US-09-416-989A-1
US-09-816-989A-1
US-09-816-989A-1
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TITLE OF INVENTION: GLATIRAMER ACETATE MOLECULAR WEIGHT MARKERS
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95.5	95.5	96.5	97.5	97.5	101.5	101.5	101.5	101.5	102	102.5	102.5	102.5	102.5	102.5	104.5	104.5	104.5
30.5	30.5	30.8	31.2	31.2	32.4	32.4	32.4	32.4	32.6	32.7	32.7	32.7	32.7	32.7	33.4	33.4	33.4
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US-09-115-746-10	US-08-216-894-10	US-09-248-796A-26122	US-09-902-540-16718	US-09-248-796A-26989	US-09-115-746-8	US-08-216-894-8	US-09-115-746-2	US-08-216-894-2	US-09-489-039A-13743	US-09-328-352-6321	US-08-824-513-2	US-08-898-300-2	US-08-293-284A-2	US-08-346-849-2	US-09-902-540-15564	US-09-205-426-201	US-09-095-855-201
Sequence 10, Appl	Sequence 10, Appl	Sequence 26122, A	Sequence 16718, A	Sequence 26989, A	Sequence 8, Appli	Sequence 8, Appli	Sequence 2, Appli	Sequence 2, Appli	Sequence 13743, A	Sequence 6321, Ap	Sequence 2, Appli	Sequence 2, Appli	Sequence 2, Appli	Sequence 2, Appli	Sequence 15564, A	Sequence 201, App	Sequence 201, App

### ALIGNMENTS

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APPLICANT: Gad, Alexander
APPLICANT: Lis, Doris
TITLE OF INVENTION: COPOLYMER 1 RELATED POLYPEPTIDES FOR
TITLE OF INVENTION: AND FOR THERAPEUTIC USE
FILS REFERENCE: 2609/60807-A-PCT-US
CURRENT APPLICATION UNMER: US/09/816,989A
CURRENT FILING DATE: 2001-03-23
PRIOR APPLICATION NUMBER: 60/101,693
PRIOR FILING DATE: 1998-09-25
PRIOR APPLICATION NUMBER: PCT/US99/22402
PRIOR APPLICATION NUMBER: PCT/US99/22402
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SEQ ID NO 4
LENGTH: 66
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Best Local (
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CURRENT FILING DATE: 1999-09-24
NUMBER OF SEC ID NOS: 7
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OTHER INFORMATION: Description OTHER INFORMATION: PEPTIDE
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Pred. No. 1.2e-23;
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GENERAL INFORMATION:
APPLICANT: Gad, Alexander
APPLICANT: Lis, Doris
TITLE OF INVENTION: COPOLYMER 1 RELATED POLYPEPTIDES FOR USE
TITLE OF INVENTION: AND FOR THERAPEUTIC USE
FILE REFERENCE: 2609/60807-A-PCT-US
CURRENT APPLICATION NUMBER: US/09/816,989A
CURRENT FILING DATE: 2001-03-23
PRIOR APPLICATION NUMBER: 60/101,693
PRIOR APPLICATION NUMBER: PCT/US99/22402
PRIOR FILING DATE: 1998-09-24
PRIOR FILING DATE: 1999-09-24
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Best Local :
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LENGTH: 77
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SOFTWARE: PatentIn version 3.1
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TITLE OF INVENTION: GLATIRAMER ACETATE MOLECULAR WEIGHT MARKERS
FILE REFERENCE: 60807-A
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TYPE: PRT
ORGANISM: Artificial Sequence
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OTHER INFORMATION:
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OTHER INFORMATION:
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Pred. No. 1.2e-20;
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US-09-405-743A-6
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LENGTH: 86
TYPE: PRT
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LENGTH: 77
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Best Local Similarity
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SOFTWARE: PatentIn version
APPLICANT: Gad, Alexander
APPLICANT: Lis, Doris
TITLE OF INVENTION: COPOLYMER 1 RELATED POLYPEPTIDES FOR USE AS
TITLE OF INVENTION: AND FOR THERAPEUTIC USE
FILE REFERENCE: 2609/60807-A-PCT-US
CURRENT APPLICATION UNMERS: US/09/816,989A
CURRENT FILING DATE: 2001-03-23
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                FILE REFERENCE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            APPLICANT: Yeda Research and Development Co., Ltd.
TITLE OF INVENTION: GLATIRAMER ACETATE MOLECULAR WEIGHT MARKERS
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TYPE: PRT
ORGANISM: Artificial Sequence
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Similarity 75.6%;
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Pred. No. 1.2e-20;
                                                                                                                                                                                                                                                                                                                                                                               Score 268; DB 4;
Pred. No. 3.3e-19;
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PRIOR APPLICATION NUMBER: 60/101,693
PRIOR FILING DATE: 1998-09-25
PRIOR APPLICATION NUMBER: PCT/US99/22402
PRIOR FILING DATE: 1999-09-24

MOLECULAR WEIGHT MARKE

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GENERAL INFORMATION:
APPLICANT: Gad, Alexander
APPLICANT: Lis, Doris
TITLE OF INVENTION: COPOLYMER 1 RELATED POLYPEPTIDES FOR
TITLE OF INVENTION: AND FOR THERAPEUTIC USE
FILE REFERENCE: 2609/60077-A-PCT-US
CURRENT APPLICATION NUMBER: US/09/816,989A
CURRENT FILING DATE: 2001-03-23
PRIOR APPLICATION NUMBER: 60/101,693
PRIOR APPLICATION NUMBER: PCT/US99/22402
PRIOR APPLICATION NUMBER: PCT/US99/22402
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SEQ ID NO 7
LENGTH: 109
TYPE: PRT
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Patent No. 6514938
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CURRENT FILING DATE: 1999-09-24
NUMBER OF SEQ ID NOS: 7
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SOFTWARE: PatentIn vers
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o. 6800287
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75.6%;
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Pred. No. 2.6e-15;
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Pred. No. 3.3e-19;
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                                                                                                                                             AS MOLECULAR WEIGHT MARI
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                                                                                                                                                                     Sequence 3, Application US/09816989A
Patent No. 6800287
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SEQ ID NO 3
                                                                                                                                                       GENERAL INFORMATION:
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Patent No. 6514938
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APPLICANT: Lis, Doris
ITITE OF INVENTION: COOPLYMER 1 RELATED POLYPEPTIDES FOR USE AS MOLECULAR WEIGHT MARKI
TITLE OF INVENTION: AND FOR THERAPBUTIC USE
FILE REFERENCE: 2609/60807-A-PCT-US
CURRENT APPLICATION NUMBER: US/09/816,989A
CURRENT FILING DATE: 2001-03-23
PRIOR APPLICATION NUMBER: 60/101,693
PRIOR FILING DATE: 1998-09-25
PRIOR FILING DATE: 1998-09-25
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                                                                                                                        APPLICANT: Gad, Alexander APPLICANT: Lis, Doris
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   APPLICANT: Yeda Research and Development Co., Lto
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         OTHER INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        LENGTH: 56
TYPE: PRT
ORGANISM: Artificial Sequence
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TYPE: PRT
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                                                                                                                                                                                                                                                                                                                                                                                                                                        Similarity
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                                                                                                                                                                                                                                                                                                                                                                                                                      Conservative
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                                                                                                                                                                                                                                                                                                                                                                                                                                       63.3%;
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Pred. No. 1.1e-12;
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Pred. No. 2.6e-15;
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RESULT 12
US-08-460-890A-64
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US-09-816-989A-3
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    CURRENT APPLICATION NUMBER: US/09/489,039A CURRENT FILING DATE: 2000-01-27 PRIOR APPLICATION NUMBER: US 60/117,747 PRIOR FILING DATE: 1999-01-29 NUMBER OF SEQ ID NOS: 14342 SEQ ID NO 13565 LENGTH: 469
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LENGTH: 56
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                                                                                                                                                                                                                                   Patent No.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Matches
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Best Local Similarity
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TITLE OF INVENTION: NUCLEIC ACID AND AMINO ACID SEQUENCES RELATING TO KLEBSIELLA
TITLE OF INVENTION: PNEUMONIAE FOR DIAGNOSTICS AND THERAPEUTICS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   NUMBER OF SEQ ID NOS: 7
SOFTWARE: PatentIn version 3.1
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        TYPE: PRT ORGANISM: Klebsiella pneumoniae
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ORGANISM: Artificial Sequence
FEATURE:
                                                                                             APPLICANT: Woo, Savio L.C.
APPLICANT: Smith, Louis C.
APPLICANT: Cristiano, Richard J.
APPLICANT: Gottchalk, Stephen
TITLE OF INVENTION: NUCLEIC ACID TO
TITLE OF INVENTION: METHODS OF USE
CORRESPONDENCE ADDRESS:
ADDRESSEE: Lyon & Lyon
STREET: 633 West Fifth Street
STREET: Suite 4700
                                                                           NUMBER OF SEQUENCES:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Local Similarity
                                                                                                                                                                                                                                                                                                                                                                                                                            230
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o. 5994109
                                                                                                                                                                                                                                                                                                                                                                                      55 AKAAAKEAAYE 65
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      51 EAAYEA 56
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          61
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       41;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           53;
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               1 АККҮАККЕКАҮАКАККАЕАКААККАКАЕАККҮАКААКАЕККЕҮАААЕАКҮКАЕААКАААК 60
                                                                                                                                                                                                                                                                                                                                                                                                                                                 AKKYAKKEKAYAKA---KKAEAKAAKKAKAEAKKYA--KAAKAEKKEYAAAE-AKYKAEA 54
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        EAAYEA 66
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              AKKYAKKEKAY--AKKAE-KAAK--KAEAKAY-KAAEAKKK----AEAKYKAEAAKAAAK 50
                                                                                                                                                                                                                                                                                                                                                                                                                            Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       41.5%;
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Score 130; DB 4; I
Pred. No. 3.3e-05;
6; Mismatches 18;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Score 198; DB 4; Length 56; Pred. No. 1.1e-12; Mismatches 1; Indels
                                                                                                                ACID TRANSPORTER SYSTEMS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Length 469;
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                                                                                                                                                                                                                                                                                                                 US-08-167-641C-64
                                                                                                                                                                                                                                                                                                                                RESULT 13
                                                                                                                                            GENERAL INFORMATION:
APPLICANT: Woo, Savio L.C.
APPLICANT: Smith, Louis C.
APPLICANT: Cristiano, Richard J.
APPLICANT: Gottchalk, Stephen
TITLE OF INVENTION: MCIHOL ACID TITLE OF INVENTION: MCHARC ACID TITLE OF INVENTION:
                                                                                                                                                                                                                                                                            Patent No.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Matches
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   INFORMATION FOR SEQ ID NO:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             FILING DATE: December 14, 199
APPLICATION NUMBER: 07/855,38
FILING DATE: March 20, 1992
APPLICATION NUMBER: PCT/US93)
FILING DATE: March 19, 1993
ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  SOFTWARE: FASTSEQ for Windows 2.0 CURRENT APPLICATION DATA:
APPLICATION NAMED TO A STATE OF THE PROPERTY OF T
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LENGTH: 100 amino acids
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   NAME: Watburg, Richard J.
REGISTRATION NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 21
TELECOMMUNICATION INFORMATION:
TELEPHONE: (213) 489-1600
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         FILING DATE: June 5, CLASSIFICATION: 435
PRIOR APPLICATION DATA: APPLICATION NUMBER: (
                                                 CORRESPONDENCE ADDRESS:
ADDRESSEE: Lyon & Lyon
STREET: 633 West Fifth Street
STREET: Suite 4700
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 COMPUTER READABLE FORM:
                                                                                                                          NUMBER OF SEQUENCES:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               TELEFAX: (213)
TELEX: 67-3510
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     TELEPHONE: (213) 955-0440
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Local Similarity
les 42; Conserv
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        TYPE: amino acid
STRANDEDNESS: sir
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              MEDIUM TYPE: 3.5" Diskette, 1.44 Mb MEDIUM TYPE: storage
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      COUNTRY: U.S.A. ZIP: 90071-2066
               CITY: Los Angeles
STATE: California
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        STATE: California
COUNTRY:
                                                                                                                                                                                                                                                                                              64,
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                                                                                                                                                                                                                                                                                                                                                                                        AKAKAKA 68
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UMBER: 07/855,389
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     June 5, 1995
N: 435
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                                                                                                                                              METHODS OF USE
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per 14, 1993
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Score 128; DB 2;
Pred. No. 1.1e-05;
5; Mismatches 16
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            212/066
                                                                                                                                                                 ACID TRANSPORTER SYSTEMS AND
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READABLE FORM: TYPE: 3.5" Diskette, 1.44 Mb

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RESULT 14
US-08-460-971A-64
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NFORMATION FOR SEQ ID NO:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               OPERATING SYSTEM: IBM P.C. DOS 5.0
SOFTWARE: FastSEQ for Windows 2.0
CURRENT APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             FEATURE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            MOLECULE TYPE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        SEQUENCE CHARACTERISTICS:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                PRIOR APPLICATION DATA:
APPLICATION NUMBER: 07/855,389
FILING DATE: March 20, 1992
APPLICATION NUMBER: PCT/US93/02725
                                               COMPUTER READABLE FORM: MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
                                                                                                                                                                                       CORRESPONDENCE ADDRESS:
                                                                                                             STREET: 633 West Find STREET: Suite 4700 CITY: Los Angeles STATE: California
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 TELEPHONE: (213)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      TELEPHONE: (213) 489-1600
                                                                                                                                                                                                        UMBER OF SEQUENCES:
                                                                                                                                                                                                                      ITLE OF INVENTION: NUCLEIC NUCLEIC METHODS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  APPLICATION NUMBER: FILING DATE: Decemb CLASSIFICATION: 435
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OTHER INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      REGISTRATION NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 205/012
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Local Similarity
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     NAME: Warburg, Richard J. REGISTRATION NUMBER: 32,3
                               MEDIUM TYPE:
                                                                                               COUNTRY: U.S.A.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                MEDIUM TYPE:
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   OPERATING SYSTEM:
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                                                                               90071-2066
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                                                                                                                                                                                                                                                      Cristiano, Richard J. Gottchalk, Stephen
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                                                                                                                                                                                                                                                                                     Smith, Louis C
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                                                                                                                                                         Lyon & Lyon
3 West Fifth Street
                IBM Compatible
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                                                                                                                                                                                                                                                                                                      Savio L.C.
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IBM P.C. DOS 5.0
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Pred. No. 1.1e-05;
                                                                                                                                                                                                                        OF USE
                                                                                                                                                                                                                                       ACID TRANSPORTER SYSTEMS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Mismatches
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RESULT 15
US-08-462-040-64
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INFORMATION FOR SEQ ID NO:
SEQUENCE CHARACTERISTICS:
LENGTH: 100 amino acid
                                                                                                                                                                                                                                                                                                                                                                              tent No.
                                                                         COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
MEDIUM TYPE: storage
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                FEATURE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               MOLECULE TYPE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            SOFTWARE: FastSEQ for Windows 2.0 CURRENT APPLICATION DATA: APPLICATION NUMBER: US/08/460,9711 FILING DATE: June 5, 1995
                                                                                                                                                                                                                                 CORRESPONDENCE ADDRESS
                                                                                                                                                                                                                                                                  TITLE OF INVENTION:
                                                                                                                                                                                                                                                  NUMBER OF SEQUENCES:
                                                                                                                                                                                                                                                                                                                                APPLICANT:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     ATTORNEY/AGENT INFORMATION:
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APPLICATION NUMBER:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         TELEPHONE: (213) 489-1600
                                                                                                                                                                                  ADDRESSEE: Lyon & Lyon STREET: 633 West Fifth Street STREET: Suite 4700
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                OTHER INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Local Similarity
les 42; Conserv
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  CLASSIFICATION:
                             SOFTWARE:
                                          OPERATING SYSTEM:
                                                                                                                         COUNTRY: U.S.A. ZIP: 90071-2066
                                                                                                                                                    CITY: Los Angeles
STATE: California
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 STRANDEDNESS:
TOPOLOGY: 1i:
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REGISTRATION NUMBER: 32,327
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       FILING DATE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    APPLICATION NUMBER:
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                                                                                                                                                                                                                   ADDRESSEE:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                          62 AKAKAKA 68
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         TING SYSTEM: IBM P.C. DOS 5.0 ARE: FastSEQ for Windows 2.0 APPLICATION DATA:
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Gottchalk, Stephen
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                                                         IBM Compatible
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JMBER: 07/855,389
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                                                                                                                                                                                                                                                                                                                                               Savio L.C.
                                                                                                                                                                                                                                                                NUCLEIC ACID TRANSPORTER SYSTEMS AND METHODS OF USE
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 40.9%;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              "Lys Ala" in positions 3 to 100 may be present or absent.
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US/08/462,040
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Score 128; DB 3;
Pred. No. 1.1e-05;
5; Mismatches 16
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           212/063
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4.

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Post-processing: Minimum Match 0%
Maximum Match 100%
Listing first 45 summaries
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Minimum DB
Maximum DB
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              seq length: 0
seq length: 2000000000
Published Applications AA:*

1: /cgn2_6/ptodata/2/pubpaa/US07 PUBCOMB.pep:*

2: /cgn2_6/ptodata/2/pubpaa/US06_NEW_PUB.pep:*

3: /cgn2_6/ptodata/2/pubpaa/US06_NEW_PUB.pep:*

4: /cgn2_6/ptodata/2/pubpaa/US06_PUBCOMB.pep:*

6: /cgn2_6/ptodata/2/pubpaa/US08_NEW_PUB.pep:*

6: /cgn2_6/ptodata/2/pubpaa/US08_NEW_PUB.pep:*

7: /cgn2_6/ptodata/2/pubpaa/US08_NEW_PUB.pep:*

8: /cgn2_6/ptodata/2/pubpaa/US08_NEW_PUB.pep:*

9: /cgn2_6/ptodata/2/pubpaa/US09A_PUBCOMB.pep:*

10: /cgn2_6/ptodata/2/pubpaa/US09A_PUBCOMB.pep:*

11: /cgn2_6/ptodata/2/pubpaa/US09A_PUBCOMB.pep:*

13: /cgn2_6/ptodata/2/pubpaa/US09A_PUBCOMB.pep:*

13: /cgn2_6/ptodata/2/pubpaa/US09A_PUBCOMB.pep:*

14: /cgn2_6/ptodata/2/pubpaa/US10A_PUBCOMB.pep:*

15: /cgn2_6/ptodata/2/pubpaa/US10A_PUBCOMB.pep:*

16: /cgn2_6/ptodata/2/pubpaa/US10A_PUBCOMB.pep:*

17: /cgn2_6/ptodata/2/pubpaa/US10A_PUBCOMB.pep:*

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19: /cgn2_6/ptodata/2/pubpaa/US10B_PUBCOMB.pep:*

19: /cgn2_6/ptodata/2/pubpaa/US10B_PUBCOMB.pep:*

19: /cgn2_6/ptodata/2/pubpaa/US10B_PUBCOMB.pep:*

20: /cgn2_6/ptodata/2/pubpaa/US10B_PUBCOMB.pep:*

21: /cgn2_6/ptodata/2/pubpaa/US10B_PUB.pep:*

22: /cgn2_6/ptodata/2/pubpaa/US10B_PUB.pep:*

23: /cgn2_6/ptodata/2/pubpaa/US10B_PUB.pep:*

24: /cgn2_6/ptodata/2/pubpaa/US10B_PUB.pep:*
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Copyright (c) 1993 - 2005 Compugen Ltd
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Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

# SUMMARIES

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11	10 4	o 00	7	0	<sub>U</sub>	4.	ω	2	1	Result No.
150.5	245.5	282.5	282.5	289	289	351.5	351.5	366	366	Score
41.1	67.1	77.2	77.2	79.0	79.0	96.0	96.0	100.0	100.0	Query Match
421	n o	0 6	66	109			86	77	77	Query Match Length DB
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US-10-282-122A-56483	US-10-792-311-3	7 US-10-792-311-4	US-09-816-989A-4	US-10-792-311-7	US-09-816-989A-7	US-10-792-311-6	US-09-816-989A-6	US-10-792-311-5	US-09-816-989A-5	ID
Sequence 56483,	Sequence 3, Appli	Sequence 4, Appli	Sequence 4, Appl	Sequence 7. App	Sequence 7, Appl	Sequence 6, App	Sequence 6, Appl:	Sequence 5, Appl	Sequence 5, Appl:	Description

## ALIGNMENTS

US-09-816-989A-5

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Sequence 5, Application US/0981699A
Patent No. US20020115103A1
GENERAL INFORMATION:
APPLICANT: Lis, Doris
TITLE OF INVENTION: AND FOR THERAPEUTIC USE
FILE REFERENCE: 2609/60807-A-PCT-US
FILE REFERENCE: 2609/60807-A-PCT-US
FILE REFERENCE: 2609/60807-A-PCT-US
FULRENT APPLICATION NUMBER: US/09/816,989A
CURRENT APPLICATION NUMBER: US/09/816,989A
CURRENT FILING DATE: 1998-09-23
PRIOR APPLICATION NUMBER: FOT/US99/22402
PRIOR FILING DATE: 1998-09-24
PRIOR APPLICATION NUMBER: PCT/US99/22402
PRIOR FILING DATE: 1998-09-24
NUMBER OF SEQ ID NOS: 7
SOFTWARE: Patentin version 3.1
SEQ ID NO 5
LENGTH: 77
TYPE: PRT
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Description of Artificial Sequence: Synthetic Peptide
US-09-816-989A-5

Query Match
Best Local Similarity 100.0%; Score 366; DB 9; Length 77;
Best Local Similarity 100.0%; Pred. No. 8.4e-25;
Matches 77; Conservative 0; Mismatches 0; Gaps 0;
Matches 77; Conservative 0; Mismatches 0; Gaps 0;
Matches 77; Conservative 0; Mismatches 0; Gaps 0;
Matches 77; Conservative 0; Mismatches 60

1 AKKYAKKEKAYAKKAEKAAKKAEKAKKAKAEAKKYAKAAKAEKKEYAAAEAK 60

1 AKKYAKKEKAYAKKAEKAAKKAEKAKKAKAEAKKYAKAEAKKYAKAAKAEKKEYAAAEAK 60
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SEQ ID NO 5
      Query Match
                                                                                         SOFTWARE: PatentIn version 3.1
SEQ ID NO 6
LENGTH: 86
TYPE: PRT
ORGANISM: Artificial Sequence
FEATURE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Sequence 6, Application US/09816989A Patent No. US20020115103A1 GENERAL INFORMATION:
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Publication No. US20050038233A1
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                                                                                                                                                                                                                    FILE REFERENCE: 2609/60807-A-PCT-US
CURRENT APPLICATION NUMBER: US/09/816,989A
CURRENT FILING DATE: 2001-03-23
PRIOR APPLICATION NUMBER: 60/101,693
PRIOR FILING DATE: 1998-09-25
PRIOR APPLICATION NUMBER: PCT/US99/22402
PRIOR APPLICATION NUMBER: 1999-09-24
NUMBER OF SEQ ID NOS: 7
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PRIOR FILING DATE: 2001-03-23
PRIOR APPLICATION NUMBER: 60/101,693
PRIOR FILING DATE: 1998-09-25
PRIOR APPLICATION NUMBER: PCT/US99/22402
PRIOR FILING DATE: 1999-09-24
PRIOR FILING DATE: 1999-09-24
NUMBER OF SEQ ID NOS: 7
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CURRENT FILING DATE: 2004-03-02
CURRENT FILING DATE: 2004-03-02
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                                                                                                                                                                                                                                                                                                                                                                                           TITLE OF INVENTION: COPOLYMER 1 RELATED POLYPEPTIDES
                                                                                                                                                                                                                                                                                                                                                                                                                                        APPLICANT: Gad, Alexander APPLICANT: Lis, Doris
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 APPLICANT: Gad, Alexander
APPLICANT: Lis, Doris
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                                                                     OTHER INFORMATION: Description of Artificial Sequence: Synthetic
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        96.0%;
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Pred. No. 8.4e-25;
0; Mismatches 0;
      Score 351.5;
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    9;
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Length 86
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US-09-816-989A-7
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Matches 77; Conserv
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                                                                                                                                                                                                                                                                                                                                                 Sequence 7, Application US/09816989A Patent No. US20020115103A1
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SOFTWARE: PatentIn version 3.1 SEQ ID NO 7
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                                        APPLICANT: Lis, Doris
TITLE OF INVENTION: COOPLYMER 1 RELATED POLYPEPTIDES FOR USE AS MOLECULAR WEIGHT MARKE
TITLE OF INVENTION: AND FOR THERAPBUTIC USE
FILE REFERENCE: 2609/60807-A-PCT-US
CURRENT APPLICATION NUMBER: US/09/816,989A
CURRENT FILING DATE: 2001-03-23
PRIOR APPLICATION NUMBER: 60/101,693
PRIOR APPLICATION NUMBER: 60/101,693
PRIOR FILING DATE: 1998-09-25
PRIOR APPLICATION NUMBER: PCT/US99/22402
PRIOR APPLICATION NUMBER: PCT/US99/22402
PRIOR FILING DATE: 1999-09-24
NUMBER OF SEQ ID NOS: 7
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CURRENT FILING DATE: 2004-03-02
PRIOR APPLICATION NUMBER: US/09/816,989
PRIOR FILING DATE: 2001-03-23
PRIOR APPLICATION NUMBER: 60/101,693
PRIOR APPLICATION NUMBER: 60/101,693
PRIOR FILING DATE: 1998-09-25
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               PRIOR APPLICATION NUMBER: PCT/US99/22402
PRIOR FILING DATE: 1999-09-24
NUMBER OF SEQ ID NOS: 7
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TITLE OF INVENTION: COPOLYMER 1 RELATED POLYPEPTIDES FOR USE AS MOLECULAR WEIGHT MARKE
TITLE OF INVENTION: AND FOR THERAPEUTIC USE
FILE REFERENCE: 2609/60807-A-CT-US.
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TYPE: PRT
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Pred. No. 1.7e-23;
0; Mismatches 0
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                                                                                                                                                                                                                               RESULT 7
US-09-816-989A-4
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  ; OTHER INFORMATION: Description of Artificial Sequence: Synthetic US-10-792-311-7
                                                                                                                                                              Sequence 4, Application US/09816989A Patent No. US20020115103A1 GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Sequence 7, Application US/10792311
Publication No. US20050038233A1
GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Matches
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PRIOR FILING DATE: 2001-03-23
PRIOR APPLICATION NUMBER: 60/101,693
PRIOR FILING DATE: 1998-09-25
PRIOR APPLICATION NUMBER: PCT/US99/22402
PRIOR FILING DATE: 1999-09-24
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             FILE REFERENCE: 2609/60807-A-PCT-US
CURRENT APPLICATION NUMBER: US/10/792,311
CURRENT FILING DATE: 2004-03-02
               FILE REFERENCE: 2609/60807-A-PCT-US
CURRENT APPLICATION NUMBER: US/09/816,989A
CURRENT FILING DATE: 2001-03-23
                                                                          APPLICANT: Gad, Alexander
APPLICANT: Lis, Doris
TITLE OF INVENTION: COPOLYMER 1 RELATED POLYPEPTIDES
TITLE OF INVENTION: AND FOR THERAPEUTIC USE
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 SOFTWARE: PatentIn version 3.1 EQ ID NO 7
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                NUMBER OF SEQ ID NOS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              TITLE OF INVENTION: COPOLYMER 1 RELATED POLYPEPTIDES FOR USE AS MOLECULAR WEIGHT MARITILE OF INVENTION: AND FOR THERAPEUTIC USE
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              APPLICANT: Gad, Alexander
APPLICANT: Lis, Doris
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ORGANISM: Artificial Sequence
FEATURE:
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PRIOR APPLICATION NUMBER:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             FEATURE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               ORGANISM: Artificial Sequence
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Local Similarity 67.0 nes 73; Conservative
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                                                                                                                                                                                                                                                                                                                                              -KAEAKKYAKAAKAEKKEYAAAEAK-----YKAEAAKAAAKEAAYEA
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Pred. No. 5.7e-18;
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Pred. No. 5.7e-18;
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                                                                                                     FOR USE
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            32;
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                                                                                                     MOLECULAR WEIGHT MARK
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RESULT 9 US-09-816-989A-3

Sequence 3, Application US/09816989A Patent No. US20020115103A1 GENERAL INFORMATION:

APPLICANT: Gad,

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RESULT 8
US-10-792-311-4
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                                                                                                                                               Query Match
Best Local S
Matches 65
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SOFTWARE: PatentIn version 3.1
SEQ ID NO 4
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EEQ ID NO 4
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       GENERAL INFORMATION:
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Publication No. US20050038233A1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Query Match 77.2
Best Local Similarity 84.4
Matches 65; Conservative
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TITLE OF INVENTION: COPOLYMER 1 RELATED POLYPEPTIDES FOR USE AS MOLECULAR WEIGHT MARKI
TITLE OF INVENTION: AND FOR THERAPEUTIC USE
FILE REFERENCE: 2609/60807-A-PCT-US
CURRENT APPLICATION NUMBER: US/10/792,311
CURRENT FILING DATE: 2004-03-02
PRIOR APPLICATION NUMBER: US/09/816,989
PRIOR FILING DATE: 2001-03-23
PRIOR FILING DATE: 2001-03-23
PRIOR FILING DATE: 1908-09-25
PRIOR APPLICATION NUMBER: 607/101,693
PRIOR FILING DATE: 1998-09-25
PRIOR APPLICATION NUMBER: PCT/US99/22402
PRIOR FILING DATE: 1998-09-24
PRIOR FILING DATE: 1999-09-24
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             PRIOR FILING DATE: 1998-09-25
PRIOR APPLICATION NUMBER: PCT/US99/22402
PRIOR FILING DATE: 1999-09-24
NUMBER OF SEQ ID NOS: 7
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               APPLICANT: Gad, Alexander APPLICANT: Lis, Doris
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TYPE: PRT
                                                                                                                                                                                                                                                                                                      LENGTH: 66
TYPE: PRT
                                                                                                                                                                                                                                            FEATURE: OTHER INFORMATION: Description of Artificial Sequence: Synthetic Peptide
                                                                                                                                                                                                                                                                                  ORGANISM: Artificial Sequence
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                                                                                                                                                                     Local Similarity
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50
                                   61 YKAEAAKAAKEAAYEA 77
                                                                                                                                                   65;
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                                                                                               AKKYAKKEKAYAKKAEKAAKKAEAKAYKAAEAKKKAKAEAKKYAKAAKAEKKEYAAAEAK 60
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                                                                                                                                                                 77.28;
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; Pred. No. 1.2e
0; Mismatches
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                                                                                                                                                                   Score 282.5;
Pred. No. 1.2
                                                                                                                                                   Mismatches
                                                                                                                                                                     1.2e-17
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                                                                                                                                                                                         DB 17;
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FILE REFERENCE: 2609/60807-A-PCT-US
CURRENT APPLICATION NUMBER: US/09/816,989A
CURRENT FILING DATE: 2001-03-23
FRIOR APPLICATION NUMBER: 60/101,693
PRIOR FILING DATE: 1998-09-25
PRIOR APPLICATION NUMBER: PCT/US99/22402
PRIOR FILING DATE: 1999-09-24
NUMBER OF SEQ ID NOS: 7
SOFTWARE: Patentin version 3.1
SEQ ID NO 3
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US-09-816-989A-3
                                                                                                                                                                                                                                          US-10-792-311-3
                                                                                                                                                             Matches
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SEQ ID NO 3
LENGTH: 56
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Query Match
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PRIOR FILING DATE: 2001-03-23
PRIOR APPLICATION NUMBER: 60/101,693
PRIOR FILING DATE: 1998-09-25
PRIOR APPLICATION NUMBER: PCT/US99/22402
PRIOR FILING DATE: 1999-09-24
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          TITLE OF INVENTION: COPOLYMER 1 RELATED POLYPEPTIDES FOR USE AS MOLECULAR WEIGHT MARK TITLE OF INVENTION: AND FOR THERAPEUTIC USE FILE REFERENCE: 2609/60807-A-PCT-US CURRENT APPLICATION NUMBER: US/10/792,311
CURRENT FILING DATE: 2004-03-02
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            APPLICANT: Gad, Alexander APPLICANT: Lis, Doris
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TYPE: PRT
ORGANISM: Artificial Sequence
                                                                                                                                                                                                                                                          OTHER INFORMATION: Description of Artificial Sequence: Synthetic
                                                                                                                                                                                                                                                                               ORGANISM: Artificial Sequence FEATURE:
                                                                                                                                                                                                                                                                                                                       TYPE: PRT
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56; Conserv
                                         61 YKAEAAKAAAKEAAYEA 77
                                                                                                   1 AKKYAKKEKAYAKKAEKAAKKAEAKAYKAAEAKKKAKAEAKKYAKAAKAEKKEYAAAEAK 60
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                                                                                                                                                                                Similarity
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  YKAEAAKAAAKEAAYEA 56
                                                                                AKKYAKKEKAYAKKAEKAAKKAEAKAYKAAEAKKK--
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72.7%;
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Pred. No. 1.7e-14;
0; Mismatches 0;
                                                                                                                                                                              Score 245.5; DB 17; Pred. No. 1.7e-14;
                                                                                                                                                             Mismatches
                                                                                                                                                           0,
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                                                                                                                                                           Indels
                                                                                                                                                                                            Length
                                                                                                                                                           21;
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                                                                            AEAK 39
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RESULT 12 US-10-282-122A-75047

Sequence 75047, Application US/10282122A publication No. US20040029129A1 GENERAL INFORMATION:

APPLICANT: Wang, Liangsu
APPLICANT: Zamudio, Carlos
APPLICANT: Malone, Cheryl
APPLICANT: Haselbeck, Robert

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                                                                                                                                                                                                             Query Match
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APPLICANT:
APPLICANT:
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APPLICANT: Xu, H.
TITLE OF INVENTION: Identification of Essential Genes in FILE REFERENCE: ELITRA.034A
CURRENT APPLICATION NUMBER: US/10/282,122A
CURRENT FILING DATE: 2003-02-20
CURRENT FILING DATE: 2003-02-20
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APPLICANT:
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PRIOR FILING DATE: 2000-03-21
PRIOR APPLICATION NUMBER: 60/206,848
PRIOR FILING DATE: 2000-05-23
PRIOR PILING DATE: 2000-05-26
PRIOR FILING DATE: 2000-05-26
                                                                                                                                                                                                                                                                                                                                                          Remaining Prior Application data removed - See File Wrapper or PALM NUMBER OF SEQ ID NOS: 78614
SOFTWARE: PatentIn version 3.1
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PRIOR FILING DATE: 2001-02-09
PRIOR APPLICATION NUMBER: 60/269,308
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PRIOR APPLICATION NUMBER: 60/257,931
PRIOR FILING DATE: 2000-12-22
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                                                                                                                                                                                                                                                                    LENGTH: 421
TYPE: PRT
ORGANISM: Escherichia coli
                                                                                                                                                                                     Match 41.18;
Local Similarity 53.78;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             APPLICATION NUMBER: 60/242,578 FILING DATE: 2000-10-23
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  190
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                                     56 ААЕАКҮКАЕААКАААКЕААҮЕА 77
                                                                                                                       3 КҮАККЕКАУАККАЕКААККАЕАКАУКААЕАКККАКАЕАККУАК-----ААКАЕКК-ЕУА 55
                                                                                                                                                                   44; Conservative
AAALKKKAEAAEAAAAEARKKA 211
                                                                                 KQKQAEEAAAKAAADAKAKAEADAKAAEEAAKKAAADAKKKAEAEAAKAAAEAQKKAEAA 189
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Yamamoto, Robert
Forsyth, R.
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Malone, Cheryl
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                                                                                                                                                            Score 150.5; DB 15,
Pred. No. 2.3e-05;
Pred. No. 2.3e-05;
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Ohlsen, Zyskind,

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RESULT 13
US-10-282-122A-72645
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; ORGANISM: Salmonella typhimurium
US-10-282-122A-75047
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Best Local !
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SEQ ID NO 75047
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PRIOR FILING DATE: 2000-03-21
PRIOR APPLICATION NUMBER: 60/206,848
PRIOR FILING DATE: 2000-05-23
PRIOR APPLICATION NUMBER: 60/207,727
PRIOR FILING DATE: 2000-05-26
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CURRENT APPLICATION NUMBER: US/10/282,122A
CURRENT FILING DATE: 2003-02-20
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PRIOR FILING DATE: 2000-10-23
PRIOR FAPPLICATION NUMBER: 60/253,625
PRIOR FILING DATE: 2000-11-27
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PRIOR APPLICATION NUMBER: 60/230,347
PRIOR FILING DATE: 2000-09-09
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Local Similarity 54.4%;
E OF INVENTION: Identification of REFERENCE: ELITRA.034A
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       FILING DATE: 2000-12-22
APPLICATION NUMBER: 60/267,636
FILING DATE: 2001-02-09
APPLICATION NUMBER: 60/269,308
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                                                  Carr, Grant
Yamamoto, Ro
Forsyth, R.
                                                                                                        Wall, Daniel
Trawick, John
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Malone, Cheryl
Haselbeck, Robert
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Zyskind, Judith
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Yamamoto, Robert
Forsyth, R.
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                                                                         Robert
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Pred. No. 3.7e-05;
B; Mismatches 13;
                   Essential
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                   Genes
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                   in Microorganisms
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; NAME/KEY: MISC FEATURE
; LOCATION: (303)..(303)
; OTHER INFORMATION: X=any
U3-10-282-122A-72645
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Best Local (
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APPLICANT:
APPLICANT:
APPLICANT: Xu, H.
TITLE OF INVENTION: Identification of Essential Genes in Microorganisms FILE REFERENCE: ELITEA.034A
CURRENT APPLICATION NUMBER: US/10/282,122A
CURRENT FILING DATE: 2003-02-20
                                                                                  APPLICANT:
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APPLICANT: Zamudio, Carlos
APPLICANT: Malone, Cheryl
APPLICANT: Haselbeck, Robert
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PRIOR APPLICATION NUMBER: 60/253,625
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PRIOR APPLICATION NUMBER: 60/242,578
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OTHER INFORMATION: X=any
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NAME/KEY: MISC_FEATURE
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       141 AKKKAEPEA--AKAAADAKKKAEAEAVKAAADAKKKAEAEAAKAAADAKKKAEAEAAK-A 197
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Trawick, John
Carr, Grant
Yamamoto, Robert
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Zyskind, Judith
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                                                                                                                  Yamamoto,
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Pred. No. 4.7e-05;
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APPLICATION NUMBER: 60/191,078 FILING DATE: 2000-03-21

2000-03-2

APPLICATION NUMBER: 60/206,848

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US-10-282-122A-55748
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PRIOR APPLICATION NUMBER: 60/191,078
PRIOR FILLING DATE: 2000-03-21
PRIOR APPLICATION NUMBER: 60/206,848
PRIOR FILLING DATE: 2000-05-23
PRIOR APPLICATION NUMBER: 60/207,727
PRIOR FILLING DATE: 2000-05-26
PRIOR APPLICATION NUMBER: 60/230,335
PRIOR FILLING DATE: 2000-09-06
PRIOR FILLING DATE: 2000-09-06
PRIOR APPLICATION NUMBER: 60/230,347
PRIOR APPLICATION NUMBER: 60/230,347
PRIOR FILLING DATE: 2000-09-09
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LENGTH: 376
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PRIOR FILING DATE: 2001-02-09
PRIOR APPLICATION NUMBER: 60/269,308
PRIOR FILING DATE: 2001-02-16
Remaining Prior Application data removed - See File Wrapper or PALM.
NUMBER OF SEO ID NOS: 78614
SOFTWARE: PatentIn version 3.1
                                                                                                                                                                                                     FILE REFERENCE: ELITRA.034A
CURRENT APPLICATION NUMBER: US/10/282,122A
CURRENT FILING DATE: 2003-02-20
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APPLICANT: Zamudio, Carlo
APPLICANT: Malone, Cheryl
APPLICANT: Haselbeck, Rob
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                                                                                                                                                                                                                                                             TITLE OF INVENTION: Identification of Essential Genes in Microorganisms
                                                                                                                                                                                                                                                                                                                                                 APPLICANT:
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Local Similarity 54.4%;
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FILING DATE: 2000-09-06
APPLICATION NUMBER: 60/230,347
FILING DATE: 2000-09-09
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     APPLICATION NUMBER: 60/242,578 FILING DATE: 2000-10-23
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            FILING DATE: 2000-05-26
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APPLICATION NUMBER: 60/207,727
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        APPLICATION NUMBER: 60/257,931 FILING DATE: 2000-12-22
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      158
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Carr, Grant
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                                                                                                                                                                                                                                                                                                                                                                                                                                              Malone, Cheryl
Haselbeck, Robert
                                                                                                                                                                                                                                                                                                                                                                                                                           Ohlsen, Kari
                                                                                                                                                                                                                                                                                                       Forsyth, R.
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Pred. No. 5e-05;
7; Mismatches 14;
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Search completed: July 27, Job time: 77.8122 secs

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; TYPE: PRT
; ORGANISM: Enterobacter cloacae
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PRIOR FILING DATE: 2000-10-33
PRIOR PELICATION NUMBER: 60/253,625
PRIOR FILING DATE: 2000-11-27
PRIOR APPLICATION NUMBER: 60/257,931
PRIOR APPLICATION NUMBER: 60/267,636
PRIOR APPLICATION NUMBER: 60/267,636
PRIOR FILING DATE: 2001-02-09
PRIOR PILING DATE: 2001-02-16
PRIOR FILING DATE: 2001-02-16
                                                                                                                                                                                                                                                                                                                               Remaining Prior Application data removed - See File Wrapper or PALM. NUMBER OF SEQ ID NOS: 78614
SOFTWARE: PatentIn version 3.1
SEQ ID NO 55748
                                                                                                                                                                  Matches
                                                                                                                                                                                                       Query Match
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226 -- AAAEAAKKAAAAEKAAAEKAA 246
                                                                                167 AKKAAADAOKKAEAEAAKKAAADAOKKAEAEAAKKAAADAOKKAEAEAAKKA-AOEAEKK 225
                                       53 EYAAAEAKYKAEAA-KAAAKEAA 74
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                                                                                                                                                                                        Similarity
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                                                                                                                                                                                  39.3%; Score 144; DB 15; 59.0%; Pred. No. 8.6e-05;
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Post-processing: Minimum Match 0%
Maximum Match 100%
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; TITLE OF INVENTION: GLATIRAMER ACETATE MOLECULAR WEIGHT MARKERS
; FILE REFERENCE: 60807-A
; CURRENT APPLICATION NUMBER: US/09/405,743A
; CURRENT FILING DATE: 1999-09-24
; CURRENT FILING DATE: 1999-09-24
; NUMBER OF SEQ ID NOS: 7
; SOFTWARE: Patentin Ver. 2.1
SEQ ID NO 5
LENGTH: 77
TYPE: PRT
; ORGANISM: Artificial Sequence
; OTHER INFORMATION: Description of Artificial Sequence: SYNTHETIC
; OTHER INFORMATION: PEPTIDE
GENERAL INFORMATION:

APPLICANT: Gad, Alexander

APPLICANT: Lis, Doris

ITILE OF INVENTION: COPOLYMER 1 RELATED POLYPEPTIDES FOR

ITITLE OF INVENTION: AND FOR THERAPEUTIC USE

FILE REFERENCE: 2609/60807-A-PCT-US

CURRENT APPLICATION NUMBER: US/99/816,989A

CURRENT FILING DATE: 2001-03-23

PRIOR APPLICATION NUMBER: 60/101,693

PRIOR APPLICATION NUMBER: 60/101,693

PRIOR APPLICATION NUMBER: PCT/US99/22402

PRIOR FILING DATE: 1998-09-24
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Matches 77
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US-08-293-284A-2
US-09-095-855-201
US-09-205-426-201
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US-09-205-426-201
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US-09-248-796A-26989
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US-09-417-264-3
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Pred. No. 7.8e-28;
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Length Indels

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SYNTHETIC

Result No.

Score

Query Match

366

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FOR USE

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Minimum Maximum

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length:

Searched:

Total number

Scoring table: Sequence: Title: Perfect score: Run

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GENERAL INFORMATION:

APPLICANT: Gad, Alexander

APPLICANT: Lis, Doris

ITILE OF INVENTION: COPOLYMER 1 RELATED POLYPEPTIDES FOR

TITLE OF INVENTION: AND FOR THERAPEUTIC USE

FILE REFERENCE: 2609/60807-A-PCT-US

CURRENT APPLICATION NUMBER: US/09/816,989A

CURRENT FILING DATE: 2001-03-23

PRIOR APPLICATION NUMBER: 60/101,693

PRIOR FILING DATE: 1998-09-25

PRIOR APPLICATION NUMBER: PCT/US99/22402

PRIOR FILING DATE: 1999-09-24
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SOFTWARE: Pa
SEQ ID NO 5
LENGTH: 77
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TYPE: PRT
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Description
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                                                                                                                                                                                                                                                                                                                      YKAEAAKKAYKAEAAKAAAKEAAYEA 86
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JENTION: GLATIRAMER ACETATE MOLECULAR WEIGHT MARKERS
JUG: 60807-A
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ilarity 100.0%;
Conservative
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Pred. No. 7.8e-28;
); Mismatches 0;
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; OTHER INFORMATION:
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US-09-405-743A-7
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SEQ ID NO 7
LENGTH: 109
TYPE: PRT
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APPLICANT: Gad, Alexander
APPLICANT: Lis, Doris
TITLE OF INVENTION: COPOLYMER 1 RELATED POLYPEPTIDES FOR USE AS MOLECULAR WEIGHT MARKI
TITLE OF INVENTION: AND FOR THERAPEUTIC USE
TILE REFERENCE: 2609/60807-A-PCT-US
CURRENT APPLICATION NUMBER: US-09/816,989A
CURRENT FILING DATE: 2001-03-23
PRIOR APPLICATION NUMBER: 60/101,693
PRIOR APPLICATION NUMBER: 60/101,693
PRIOR APPLICATION NUMBER: 909-25
PRIOR FILING DATE: 1998-09-24
PRIOR FILING DATE: 1998-09-24
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SOFTWARE: PatentIn version 3.1
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        APPLICANT: Yeda Research and Development Co., Ltd.
TITLE OF INVENTION: GLATIRAMER ACETATE MOLECULAR WEIGHT MARKERS
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TYPE: PRT
ORGANISM: Artificial Sequence
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Similarity 67.0%;
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nilarity 89.5%;
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Pred. No. 2e-2
0; Mismatches
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Pred. No. 1.8e-20;
1; Mismatches 3
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                                             GENERAL INFORMATION:
APPLICANT: Gad, Alexander
APPLICANT: Lie, Doris
TITLE OF INVENTION: COPOLYMER 1 RELATED POLYPEPTIDES
TITLE OF INVENTION: AND FOR THERAPEUTIC USE
FILE REFERENCE: 2609/60807-A-PCT-US
CURRENT APPLICATION NUMBER: US/09/816,989A
CURRENT FILING DATE: 2001-03-23
PRIOR APPLICATION NUMBER: 60/101,693
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LENGTH: 66
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TITLE OF INVENTION: GLATIRAMER ACETATE MOLECULAR WEIGHT MARKERS
FILE REFERENCE: 60807-A
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NUMBER OF SEQ ID NOS: 7
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SOFTWARE: PatentIn vers
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TYPE: PRT
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OTHER INFORMATION:
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OTHER INFORMATION: Description of Artificial Sequence: Synthetic Peptide
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FILING DATE: 1998-09-25
APPLICATION NUMBER: PCT/US99/22402
FILING DATE: 1999-09-24
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Pred. No. 1.8e-20;
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Pred. No. 4.5
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SEQ ID NO 3
LENGTH: 56
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/LENGTH: 66
TYPE: PRT
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Patent No. 6514938
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      APPLICANT: Gad, Alexander
APPLICANT: Lis, Doris
TITLE OF INVENTION: COPOLYMER 1 RELATED POLYPEPTIDES
TITLE OF INVENTION: AND FOR THERAPEUTIC USE
FILE REFERENCE: 2609/60807-A-PCT-US
CURRENT APPLICATION NUMBER: US/09/816,989A
CURRENT FILING DATE: 2001-03-23
PRIOR APPLICATION NUMBER: 60/101,693
PRIOR FILING DATE: 1998-09-25
PRIOR FILING DATE: 1998-09-25
PRIOR APPLICATION NUMBER: PCT/US99/22402
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CURRENT FILING DATE: 1999-09-24
NUMBER OF SEQ ID NOS: 7
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            NUMBER OF SEQ ID NOS: 7
SOFTWARE: PatentIn version
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        APPLICANT: Yeda Research and Development Co., Lto
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            FILE REFERENCE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                       OTHER INFORMATION: OTHER INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                LENGTH: 56
TYPE: PRT
ORGANISM: Artificial Sequence
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       FEATURE:
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FILING DATE: 1999-09-24
                                                                                                                                                                                                                                                                                        61 YKAEAAKAAAKEAAYEA 77
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                                                                                                                                                                                                                                                                                                                                                    Similarity
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                                                                                                                                                                                                                                                                                                                                                                                              Conservative
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              60807-A
                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Description of Artificial Sequence: PEPTIDE
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Description of Artificial Sequence: Synthetic
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        77.2%;
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                                                                                                                                                                                                                                                                                                                                                                                                            Score 245.5;
Pred. No. 1.1
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Pred. No. 4.5e-20;
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                                                                                                                  MOLECULAR WEIGHT
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US-08-460-890A-64
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Best Local Similarity
                                                                                                                                                                                                                                                                   COMPUTER: IBM Compatible
OPERATING SYSTEM: IBM P.C. DOS 5.0
SOFTWARE: FastSEQ for Windows 2.0
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/460,890A
FILING DATE: June 5, 1995
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/167,641
FILING DATE: December 14, 1993
APPLICATION NUMBER: 07/855,389
FILING DATE: March 20, 1992
APPLICATION NUMBER: PCT/US93/02725
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SOFTWARE: PatentIn version 3.1
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LENGTH: 56
TYPE: PRT
ORGANISM: Artificial Sequence
                                                                                   TELEX: 67-3510
INFORMATION FOR SEQ ID NO:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           FEATURE: OTHER INFORMATION: Description of Artificial Sequence: Synthetic Peptide
                                        SEQUENCE CHARACTERISTICS:
LENGTH: 100 amino acids
                                                                                                                                                         REFERENCE/DOCKET NUMBER: 21
TELECOMMUNICATION INFORMATION:
TELEPHONE: (213) 489-1600
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          COMPUTER READABLE FORM:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           CORRESPONDENCE ADDRESS:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              TITLE OF INVENTION: METHODS OF USB
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   TITLE OF INVENTION:
                                                                                                              TELEPHONE: (213) 955-0440
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   ADDRESSEE: Lyon & Lyon
STREET: 633 West Fifth Street
STREET: Suite 4700
CITY: Los Angeles
                                                                                                                                                                                                                               NAME: Warburg, Richard J. REGISTRATION NUMBER: 32,3
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            MEDIUM TYPE: 3.5" Diskette, 1.44 Mb MEDIUM TYPE: storage
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               COUNTRY: U.S.A. ZIP: 90071-2066
STRANDEDNESS:
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                                                                                                                                                                                                                          32,327
                                                                                        64:
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Pred. No. 1.1e-16;
0; Mismatches 0
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US-08-167-641C-64
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Best Local Similarity
                                                                                                                                                                                                                                                                                           FILING DATE: December 14, 1993
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 07/855,389
FILING DATE: March 20, 1992
APPLICATION NUMBER: PCT/US93/02725
FILING DATE: March 19, 1993
APPLICATION TINFORMATION:
                                                                                                                                                        TELEFAX: (213) 955-044
TELEX: 67-3510
INFORMATION FOR SEQ ID NO:
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                                                                                                                                                                                                          NAME: Warburg, Richard J.
REGISTRATION NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 20:
TELECOMMUNICATION INFORMATION:
TELEPHONE: (213) 489-1600
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
MEDIUM TYPE: Storage
COMPUTER: IBM Compatible
OPERATING SYSTEM: IBM P.C. DOS 5.0
                                                                                                                    SEQUENCE CHARACTERISTICS:
LENGTH: 100 amino acids
                                                                                                                                                                                                                                                                                                                                                                                                                                   CURRENT APPLICATION DATA: APPLICATION NUMBER: US
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STREET: Suite 4700
CITY: Los Angeles
STATE: California
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                                       FEATURE:
                                                     MOLECULE TYPE:
                                                                                                                                                                          TELEPHONE: (213) 955-0440
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                                                                    STRANDEDNESS: single TOPOLOGY: linear
 OTHER INFORMATION: OTHER INFORMATION:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                      SYSTEM: IBM P.C. DOS 5.0
FastSEQ for Windows 2.0
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      METHODS OF USE
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"Lys Ala" in positions 3 to 100 may be present or absent.
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                                                                                                                                                                                                                                              205/012
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                                                                                                                                                                                         TELEX: 67-3510 NO:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                           COMPUTER: IBM COMPATILLE
OPERATING SYSTEM: IBM P.C. DOS 5.0
SOFTWARE: FABTSEQ for Windows 2.0
CURRENT APPLICATION DATA:
CURRENT APPLICATION DATA:
                                                                                                                                                                        SEQUENCE CHARACTERISTICS:
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MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   CORRESPONDENCE ADDRESS
                                                                                             MOLECULE TYPE: peptide
                                                                                                                                                                                                                                       TELECOMMUNICATION INFORMATION: TELEPHONE: (213) 489-1600
                                                                                                                                                                                                                                                                                                   ATTORNEY/AGENT INFORMATION:
NAME: Warburg, Richard J
                                                                                                                                                                                                                                                                                                                                                                                                                           APPLICATION NUMBER: U
FILING DATE: June 5,
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    STREET:
                                                                                                                                                                                                                                                                 NAME: Warburg, Richard J.
REGISTRATION NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 212/063
                                                                                                                                                                                                                                                                                                                                  APPLICATION NUMBER: 07/855, FILING DATE: March 20, 1992 APPLICATION NUMBER: PCT/US9 FILING DATE: March 19, 1993
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                                                 OTHER INFORMATION:
OTHER INFORMATION:
                                                                                                                         STRANDEDNESS:
                                                                                                                                                                                                                                                                                                                                                                                                 APPLICATION NUMBER: FILING DATE: Decem
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         MEDIUM TYPE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       CITY: Los Angeles
                                                                                                               IOPOLOGY:
                                                                                                                                            TYPE: amino acid
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                                                                                                                                                      ENGTH:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          90071-2066
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       California
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Application US/08460971A
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Suite 4700
                                                                                                                                                        100 amino acids
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    3: Lyon & Lyon
633 West Fifth Street
                                                                                                        ະຣຣ: single
linear
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Cristiano, Richard J. Gottchalk, Stephen
                                                                                                                                                                                                                          (213)
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                                                                                                                                                                                                                                                                                                                                                                                             December 14,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Savio L.C.
n, Louis C.
                                                                                                                                                                                                                        955-0440
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                                               "Lys Ala" in positions 3 to 100 may be present or absent.
   39.5%;
                                                                                                                                                                                                                                                                                                                                                                               07/855,389
                                                                                                                                                                                                                                                                                                                                                                                                                08/167,641
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   Score 144.5;
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Pred. No. 5.9e-07;
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 DB 3;
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Length 100
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query match 39.5%;
Best Local Similarity 58.4%;
Matches 45; Conservative
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Bequence 64, Patent No. 6
                                                                                                                                                                                                               TELEX: 67.3510
INFORMATION FOR SEQ ID NO:
SEQUENCE CHARACTERISTICS:
LENGTH: 100 amino acid
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                        CLASSIFICATION DATA:
PRIOR APPLICATION NUMBER: 08/167,641
APPLICATION NUMBER: 14, 1993
FILING DATE: December 14, 1993
FILING DATE: 07/855,389
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08
FILING DATE: June 5, 1995
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    COMPUTER READABLE FORM:
                                                                                                                                FEATURE:
                                                                                                                                               MOLECULE TYPE: peptide
                                                                                                                                                                                                                                                                                                                                                              ATTORNEY/AGENT INFORMATION:
NAME: Warburg, Richard J.
REGISTRATION NUMBER: 32,3
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              CORRESPONDENCE ADDRESS
                                                                                                                                                                                                                                                                                                       REFERENCE/DOCKET NUMBER: 21
TELECOMMUNICATION INFORMATION:
TELEPHONE: (213) 489-1600
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                NUMBER OF SEQUENCES:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 TITLE OF INVENTION:
                                                                                           OTHER INFORMATION: "Lys Ala" in positions 3 to 100 may be OTHER INFORMATION: present or absent.
                                                                                                                                                                 STRANDEDNESS: sir
TOPOLOGY: linear
                                                                                                                                                                                                                                                                                                                                                                                                                              APPLICATION NUMBER: 07
FILING DATE: March 20,
APPLICATION NUMBER: PC
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        FILING DATE: JUCKASSIFICATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         COMPUTER: IBM CONTROL OPERATING SYSTEM:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      CITY: Los Angeles
STATE: California
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           STREET: Suite 4700
                                                                                                                                                                                                  TYPE: amino acid
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MEDIUM TYPE: storage
                                                                                                                                                                                                                                                                                      TELEFAX:
                                                                                                                                                                                                                                                                                                                                                                                                                 FILING DATE: March 19,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             ADDRESSEE:
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                                                                                                                                                                                                                 100 amino acids
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                                                                                                                                                                                                                                                                                        (213) 955-0440
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            SYSTEM: IBM P.C. DOS 5.0 FastSEQ for Windows 2.0
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Gottchalk, Stephen
VENTION: NUCLEIC ACID
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       Score 144.5; DB 3;
pred. No. 5.9e-07;
6; Mismatches 23;
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                                        Length 100;
         Indels
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       Gaps
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GENERAL INFORMATION:
APPLICANT: Marc J. Rubenfield et al.
APPLICANT: Marc J. Rubenfield et al.
TITIE OF INVENTION: NUCLEIC ACID AMINO ACID SEQUENCES RELATING TO PSEUDOMONAS
TITLE OF INVENTION: AERUGINOSA FOR DIAGNOSTICS AND THERAPEUTICS
FILE REFERENCE: 107196.136
CURRENT APPLICATION NUMBER: US/09/252,991A
CURRENT FILING DATE: 1999-02-18
PRIOR APPLICATION NUMBER: US 60/074,788
PRIOR APPLICATION NUMBER: US 60/094,190
PRIOR FILING DATE: 1998-07-27
NUMBER OF SEQ ID NOS: 33142
SEQ ID NO 29581
LENGTH: 407
TYPE: PRT
ORGANISM: Pseudomonas aeruginosa
US-09-252-991A-29581
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US-09-252-991A-29581
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Search completed: July 27, 2005, 01:26:47 Job time : 23.7426 secs
                                                                                                                                                                                                                              Query Match 38.7%; Score 141.5; DB 4; Length 407; Best Local Similarity 44.1%; Pred. No. 4.8e-06; Matches 45; Conservative 9; Mismatches 19; Indels 29
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Sequence 29581, Application US/09252991A Patent No. 6551795
                                                                                                                                                  180 ARKAEAQKAAEAKKADEAKKAAEAKAAEQKKQADIAKKRAEDEAKKKAAEDAKKKAAEDA 239
                                                                          240 KKKAAEEAKKKA-AAEAAKKKAAVEAAKKKAAAAAAAAARKAA 280
                                                                                                33 KKKAKAEAKKYAKAAKAEKKEYAAAEAKYKAEAAKAAAKEAA 74
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Database
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Maximum Match 100%
Listing first 45 summaries
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Maximum DB
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Perfect score:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                seq length: 0
seq length: 2000000000
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1: /cgn2_6/ptodata/2/pubpaa/US07_PUBCOMB.pep:*

2: /cgn2_6/ptodata/2/pubpaa/PCT_NEW_PUB.pep:*

3: /cgn2_6/ptodata/2/pubpaa/US06_PUBCOMB.pep:*

4: /cgn2_6/ptodata/2/pubpaa/US06_PUBCOMB.pep:*

5: /cgn2_6/ptodata/2/pubpaa/US07_NEW_PUB.pep:*
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/Ggn2_6/ptodata/2/pubpaa/US09C_PUBCOMB.pep:*
/Ggn2_6/ptodata/2/pubpaa/US09_NEW_PUB.pep:*
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6/ptodata/2/pubpaa/US08 NEW PUB.pep:*
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Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

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351.5 351.5 312.5 312.5 312.5 268 268 233 165.5	Score
1000.0 1000.0 85.9 85.9 76.4 76.4 76.5 57.0 57.0	Query Match 1
866 109 109 566 566	Query Match Length DB
17 17 17 17 17	Ħ
US-09-816-989A-6 US-10-792-311-6 US-09-816-989A-5 US-09-816-989A-7 US-09-816-989A-7 US-09-816-989A-4 US-09-816-989A-4 US-09-816-989A-3 US-09-816-989A-3 US-10-792-311-3 US-10-792-311-3 US-10-792-311-3 US-10-792-311-3	ID
Sequence 6, Appli Sequence 6, Appli Sequence 5, Appli Sequence 5, Appli Sequence 7, Appli Sequence 7, Appli Sequence 4, Appli Sequence 4, Appli Sequence 3, Appli Sequence 3, Appli Sequence 3, Appli Sequence 75047, A	Description

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31.1 30.9 30.9			32.3						37.7 36.3				40.1
376 45	139 222	249	329 452 212	272	448 507	372 336	214 214 372	388 214	347 232 389	376 347	428 323	421 372	387
14 9 17	15 14 14	17	14	16	16	16	15	15	15 17	15 14	15 15	15	15
-10-156 09-816- -10-792	925	-10-732-923-1 -10-732-923-1 -10-051-643-2	-10-282-1 -10-184-8 -10-282-1	-10-739-930-10710 -10-390-472-2	-10-282-122 <i>}</i> -10-726-692-	-10-467-421-16 -10-282-122A-6996	US-10-282-122A-6254/ US-10-282-122A-64817 US-09-820-843A-8	-10-282-122A-7819 -10-229-567-27	US-10-282-122A-66237 US-10-732-923-12985 US-10-282-122A-67145	-10-282-122A-7577 -10-127-032-120	0-282-122	-10-282-122A-5648 -10-282-122A-6810	0-282-122A-7264
e 98	000	n on on	61, 67	N 11 0	e 452	e 16, App e 69962,	Sequence 62547, A Sequence 64817, A Sequence 8, Appli	e 78190, e 27, App	Sequence 66237, A Sequence 12985, A Sequence 67145, A	e 75772, e 120, Ap	e 557	e 56483, e 68109,	•

### ALIGNMENTS

US-09-816-989A-6

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                                                                                                                                                                          ; FEATURE: ; OTHER INFORMATION: Description of Artificial Sequence: Synthetic US-09-816-989A-6
                                                                                                                                                                                                                                                                                                   TITLE OF INVENTION: COPOLYMER 1 RELATED POLYPEPTIDES FOR USE AS MOLECULAR WEIGHT MARKETTITLE OF INVENTION: AND FOR THERAPEUTIC USE
FILE REFERENCE: 2609/60807-A-PCT-US
CURRENT APPLICATION NUMBER: US/09/816,989A
CURRENT FILING DATE: 2001-03-23
PRIOR APPLICATION NUMBER: 60/101,693
PRIOR APPLICATION NUMBER: BCT/US99/22402
PRIOR APPLICATION NUMBER: PCT/US99/22402
NUMBER OF SEQ ID NOS: 7
SOFTWARE: Patentin version 3.1
SEQ ID NO 6
                                                                                      Query Match
Best Local S
Matches 86
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Sequence 6, Application US/09816989A Patent No. US20020115103A1 GENERAL INFORMATION:
                                                                                                                                                                                                                                                                LENGTH: 86
TYPE: PRT
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      APPLICANT: Gad, Alexander APPLICANT: Lis, Doris
                                                                                                                                                                                                                                           ORGANISM: Artificial Sequence
                                                                                      66;
                                                                                                               Similarity
AKKYAKKEKAYAKKAEKAAKKAEAKAYKAAEAKKKAKAEAKKYAKAAKAEKKEYAAAEAK 60
                                                                                      100.0%; Score 409; DB 9; ilarity 100.0%; Pred. No. 4.2e-28; Conservative 0; Mismatches 0;
                                                                                                                             Length 86;
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                                                   US-09-816-989A-5
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US-09-816-989A-5
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    Query Match
                                                                                                                                                            SOFTWARE: PatentIn version 3.1
SEQ ID NO 5
LENGTH: 77
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LENGTH: 86
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PRIOR FILING DATE: 2001-03-23
PRIOR APPLICATION NUMBER: 60/101,693
PRIOR FILING DATE: 1998-09-25
PRIOR APPLICATION NUMBER: PCT/US99/22402
PRIOR FILING DATE: 1999-09-24
NUMBER OF SEQ ID NOS: 7
                                                                                                                                                                                                                                             TITLE OF INVENTION: COPOLYMER 1 RELATED POLYPEPTIDES TITLE OF INVENTION: AND FOR THERAPEUTIC USE FILE REFERENCE: 2609/6807-A-PCT-US CURRENT APPLICATION NUMBER: US/09/816,989A CURRENT FILING DATE: 2001-03-23 PRIOR APPLICATION NUMBER: 60/101,693 PRIOR APPLICATION NUMBER: 60/101,693 PRIOR FILING DATE: 1998-09-25 PRIOR APPLICATION NUMBER: PCT/US99/22402 PRIOR APPLICATION NUMBER: PCT/US99/22402 PRIOR FILING DATE: 1999-09-24
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CURRENT FILING DATE: 2004-03-02
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                                                                                                                                                                                                                                  NUMBER OF SEQ ID NOS: 7
                                                                                             ORGANISM: Artificial Sequence FEATURE:
                                                                                                                                           TYPE: PRT
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                                                                   OTHER INFORMATION: Description of Artificial
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    85.9%;
    Score 351.5;
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US-09-816-989A-7
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US-10-792-311-5
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APPLICANT: Lis, Doris
TITLE OF INVENTION: COPOLYMER 1 RELATED POLYPEPTIDES FOR USE AS MOLECULAR WEIGHT MARKI
TITLE OF INVENTION: AND FOR THERAPEUTIC USE
FILE REPERENCE: 2609/60807-A-PCT-US
CURRENT APPLICATION NUMBER: US/09/816,989A
CURRENT FILING DATE: 2001-03-23
PRIOR APPLICATION NUMBER: 60/101,693
PRIOR FILING DATE: 1998-09-25
PRIOR APPLICATION NUMBER: PCT/US99/22402
PRIOR APPLICATION NUMBER: PCT/US99/22402
PRIOR FILING DATE: 1999-09-24
NUMBER OF SEQ ID NOS: 7
SOFTWARE: Patentin version 3.1
SEQ ID NO 7
SOFTWARE: Patentin version 3.1
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APPLICANT: Gad, Alexander
APPLICANT: Lis, Doris
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LENGTH: 77
TYPE: PRT
ORGANISM: Artificial Sequence
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Best Local
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APPLICANT: Lis, Doris
APPLICANT: Lis, Doris
TITLE OF INVENTION: COPOLYMER 1 RELATED POLYPEPTIDES FOR USE AS MOLECULAR WEIGHT MARKE
TITLE OF INVENTION: AND FOR THERAPEUTIC USE
FILE REFERENCE: 2609/60807-A-PCT-US
CURRENT PELLCATION NUMBER: US/10/792,311
CURRENT FILING DATE: 2004-03-02
PRIOR APPLICATION NUMBER: US/09/816,989
PRIOR APPLICATION NUMBER: US/09/816,989
PRIOR APPLICATION NUMBER: 60/101,693
PRIOR FILING DATE: 2001-03-23
PRIOR PILING DATE: 1998-09-25
PRIOR APPLICATION NUMBER: PCT/US99/22402
RIOR FILING DATE: 1999-09-24
NUMBER OF SEQ ID NOS: 7
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Pred. No. 3.2e-23;
0; Mismatches 0;
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; Sequence 7, Application US/10792311
; Publication No. US20050038233A1
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                                                                                                                                Sequence 4, Application US/09816989A Patent No. US20020115103A1 GENERAL INFORMATION:
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TITLE OF INVENTION: COPOLYMER 1 RELATED POLYPEPTIDES TITLE OF INVENTION: AND FOR THERAPEUTIC USE FILE REFERENCE: 2609/60807-A-PCT-US CURRENT APPLICATION NUMBER: US/09/816,989A CURRENT FILING DATE: 2001-03-23
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PRIOR FILING DATE: 2001-03-23
PRIOR APPLICATION NUMBER: 60/101,693
PRIOR FILING DATE: 1998-09-25
PRIOR APPLICATION NUMBER: PCT/US99/22402
PRIOR FILING DATE: 1999-09-24
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CURRENT APPLICATION NUMBER: US/10/792,311
CURRENT FILING DATE: 2004-03-02
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EQ ID NO 7
                                                                                             APPLICANT: Gad, Alexander APPLICANT: Lis, Doris
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APPLICANT: Lis, Doris
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ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Descriptio
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72.1%;
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Pred. No. 1e-19;
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Pred. No. 1e-19;
1; Mismatches
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RESULT 9 US-09-816-989A-3

; Sequence 3, Application US/09816989A ; Patent No. US20020115103A1 ; GENERAL INFORMATION:

Alexander

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; OTHER INFORMATION:
;US-10-792-311-4
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UE-10-792-311-4
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 SOFTWARE: PatentIn version 3.1 SEQ ID NO 4
                                                                                                                                           Matches
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PRIOR FILING DATE: 1998-09-25
PRIOR APPLICATION NUMBER: PCT/US99/22402
PRIOR FILING DATE: 1999-09-24
NUMBER OF SEQ ID NOS: 7
SOFTWARE: Patentin version 3.1
                                                                                                                                                                                                                                                                                                                                                                                                                                                   TITLE OF INVENTION: COPOLYMER 1 RELATED POLYPEPTIDES FOR USE AS MOLECULAR WEIGHT MARKITITLE OF INVENTION: AND FOR THERAPEUTIC USE FILE REFERENCE: 2609/60807-A-PCT-US
CURRENT APPLICATION NUMBER: US/10/792,311
CURRENT FILING DATE: 2004-03-02
PRIOR APPLICATION NUMBER: US/9/816,989
PRIOR PILING DATE: 2001-03-23
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 PRIOR FILING DATE: 1998-09-25
PRIOR APPLICATION NUMBER: PCT/US99/22402
PRIOR FILING DATE: 1999-09-24
NUMBER OF SEQ ID NOS: 7
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                                                                                                                                                                                                                                                                                       TYPE: PH
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TYPE: PRT
ORGANISM: Artificial Sequence
FEATURE:
                                                                                                                                                                                                                                                                  ORGANISM: Artificial Sequence
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                              61 УКАЕААККАУКАЕААКАААКЕААУЕА 86
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                                                                                                                                                          Similarity
                                                                                            AKKYAKKEKAYAKKAEKAAKKAEAKAYKAAEAKKKAKAEAKKYAKAAKAEKKEYAAAEAK 60
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                                                                                                                                         Conservative
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                                                                                                                                                                                                                                Description of Artificial Sequence: Synthetic Peptide
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Pred. No. 3.9e-16;
0; Mismatches 1
                                                                                                                                       Score 268; DB 17;
Pred. No. 3.9e-16;
0; Mismatches 1
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LENGTH: 56
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LENGTH: 56
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Best Local (
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TITLE OF INVENTION: COPOLYMER 1 RELATED POLYPEPTIDES FOR USE AS MOLECULAR WEIGHT MARK
TITLE OF INVENTION: AND FOR THERAPEUTIC USE
FILE REFERENCE: 2609/60807-A-PCT-US
FILE REFERENCE: 2609/60807-A-PCT-US
CURRENT APPLICATION NUMBER: US/10/792,311
CURRENT FILING DATE: 2004-03-02
CURRENT FILING DATE: 2004-03-02
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CURRENT FILING DATE: 2001-03-23
PRIOR APPLICATION NUMBER: 60/101,693
PRIOR FILING DATE: 1998-09-25
PRIOR APPLICATION NUMBER: PCT/US99/22402
PRIOR FILING DATE: 1999-09-24
NUMBER OF SEQ ID NOS: 7
NUMBER OF SEQ ID NOS: 7
NUMBER: Patentin version 3.1
                                                                                                                                                                                                                                                                                                                                                                                                                                                   PRIOR APPLICATION NUMBER: US/09/816,989 FRIOR FILING DATE: 2001-03-23 PRIOR APPLICATION NUMBER: 60/101,693 PRIOR FILING DATE: 1998-09-25 PRIOR APPLICATION NUMBER: PCT/US99/22402 PRIOR FILING DATE: 1999-09-24 NUMBER OF SEQ ID NOS: 7
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TITLE OF INVENTION: COPOLYMER 1 RELATED POLYPEPTIDES FOR USE AS MOLECULAR WEIGHT MARK
TITLE OF INVENTION: AND FOR THERAPEUTIC USE
FILE REFERENCE: 2609/60807-A-PCT-US
                                                                                                                                                                                                                                                                                                                                                                                                                                SOFTWARE: PatentIn version 3.1
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                                                                                                                                                                                                                                                                                                                                                               LENGTH: 56
TYPE: PRT
                                                                                                                                                                                                                                                                                         OTHER INFORMATION:
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                                         61 УКАЕААККАУКАЕААКАААКЕААУЕА 86
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                                                                                                                                                                                              57.0%;
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                                                                                                                                                                         Score 233; DB 17;
Pred. No. 3.3e-13;
2; Mismatches 0;
56
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RESULT 12 US-10-282-122A-72645

Sequence 72645, Application US/10282122A Publication No. US20040029129A1 GENERAL INFORMATION:

APPLICANT: Wang, Liangsu
APPLICANT: Zamudio, Carlos
APPLICANT: Malone, Cheryl
APPLICANT: Haselbeck, Robert

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US-10-282-122A-75047
                                                                                                                                                                                                                                                                                                                              Remaining Prior Application data removed - See File Wrapper or PALM. NUMBER OF SEQ ID NOS: 78614
SOFTWARE: PatentIn version 3.1
SEQ ID NO 75047
LENGTH: 407
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APPLICANT:
APPLICANT:
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PRIOR FILING DATE: 2000-05-23
PRIOR APPLICATION NUMBER: 60/207,727
PRIOR FILING DATE: 2000-05-26
PRIOR APPLICATION NUMBER: 60/230,335
PRIOR FILING DATE: 2000-09-06
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      TITLE OF INVENTION: Identification of Essential Genes in Microorganisms FILE REFERENCE: ELITRA.034A CURRENT APPLICATION NUMBER: US/10/282,122A CURRENT FILING DATE: 2003-02-20
                                                                                                                                                                                                                                                                                                                                                                                                                                            PRIOR APPLICATION NUMBER: 60/267,636
PRIOR FILING DATE: 2001-02-09
PRIOR APPLICATION NUMBER: 60/269,308
PRIOR FILING DATE: 2001-02-16
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         PRIOR FILING DATE: 2000-09-09
PRIOR APPLICATION NUMBER: 60/242,578
PRIOR FILING DATE: 2000-10-23
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PRIOR FILING DATE: 2000-12-22
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PRIOR FILING DATE: 2000-11-27
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                                                                                                                                                                                                                                                                               TYPE: PRT ORGANISM: Salmonella typhimurium
                                                                                                                                                                                                 Local
183 AK-AAADAKKKABABAAKAAABAKKKABABAAKAAABAKKKADABA 227
                                                                                     123 AAKLAQQQQQQAEEAAKAAADAKKKAEAEAAKAAADAKKKAEAEAVKAAAADAKKKAEAEA 182
                                         52 KEYAAAEAKYKAEA-----AKKAYKAEAAKAAA---KEAAYEA 86
                                                                                                                              1 АККУАККЕКАУАККАЕҚАА----ККАЕАКАУК-ААЕАКККАКАЕАККУА----КААКАЕК 51
                                                                                                                                                                 h 40.5%; Score 165.5; DB 15; Lengun Similarity 51.9%; Pred. No. 1.6e-06; Indels
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Trawick, John
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Forsyth, R.
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Zyskind, Judith

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RESULT 13
US-10-282-122A-56483
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PRIOR FILING DATE: 2000-05-23
PRIOR APPLICATION NUMBER: 60/207,727
PRIOR FILING DATE: 2000-05-26
PRIOR APPLICATION NUMBER: 60/230,335
PRIOR FILING DATE: 2000-09-06
PRIOR APPLICATION NUMBER: 60/230,347
                                                                                                                          GENERAL INFORMATION:
                                                                                                                                         Sequence 56483, Application US/10282122A Publication No. US20040029129A1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                SOFTWARE: PatentIn version 3.1 SEQ ID NO 72645
                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Query Match
                                     ENERAL IN. BAPPLICANT: Wang, LILL. APPLICANT: Zamudio, Carlo APPLICANT: Malone, Cheryl Malone, Cheryl
                                                                                                                                                                                                                                                                                                                                                                                                                                          Matches
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CURRENT APPLICATION NUMBER: US/10/282,122A
CURRENT FILING DATE: 2003-02-20
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PRIOR APPLICATION NUMBER: 60/269,308
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        NAME/KEY: MISC FEATURE LOCATION: (303)...(303) OTHER INFORMATION: X=any amino acid
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              NAME/KEY: MISC_FEATURE LOCATION: (78)...(78)
OTHER INFORMATION: X=any
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PRIOR APPLICATION NUMBER: 60/253,625
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           TYPE: PRT
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 FEATURE
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                                                                                                                                                                                                                                                                                                                                                                                                                                                              Local Similarity
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               APPLICATION NUMBER: 60/257,931 FILING DATE: 2000-12-22 APPLICATION NUMBER: 60/267,636
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                                                                                                                                                                                                                                                                      198 AAEAKKKAEAEAAKAAADAKKKADAEAAKAAAE 230
                                                                                                                                                                                                                                                                                                                                                       141 AKKKAEPEA--AKAAADAKKKAEAEAVKAAADAKKKAEAEAAKAAADAKKKAEAEAAK-A 197
                                                                                                                                                                                                                                                                                              56 AAEAKYKAEA------AKKAYKAEAAKAAAK 80
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Yamamoto, Robert
Forsyth, R.
Zyskind, Judith
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Trawick, John
                 Haselbeck, Robert
Ohlsen, Kari
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                                                                              Carlos
                                                                                                                                                                                                                                                                                                                                                                                                                                                          40.1%;
57.0%;
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Pred. No. 2.1e-06;
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UN-10-282-122A-68109
; Sequence 68109, Application US/10282122A
; Publication No. US20040029129A1
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NUMBER OF SEQ ID NOS: 78614
SOFTWARE: PatentIn version 3.1
SEQ ID NO 56483
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APPLICANT:
APPLICANT:
TITLE OF INVENTION: Identification of Essential Genes in Microorganisms FILE REFERENCE: ELITRA.034A CURRENT APPLICATION NUMBER: US/10/282,122A CURRENT FILING DATE: 2003-02-20
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PRIOR FILING DATE: 2000-05-23
PRIOR APPLICATION NUMBER: 60/207,727
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APPLICATION NUMBER: 60/257,931
FILING DATE: 2000-12-22
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FILING DATE: 2000-09-06
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                            60 KYKA--EAAKKAYKAEAAKAAAKEAA 83
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: Zamudio, Carlos
: Malone, Cheryl
: Haselbeck, Robert
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                                                                                      Ohlsen, Kari
Zyskind, Judith
Wall, Daniel
Trawick, John
Carr, Grant
Yamamoto, Robert
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Forsyth, R.
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Pred. No. 2.3e-06;
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APPLICATION NUMBER: 60/191,078
FILING DATE: 2000-03-21
APPLICATION NUMBER: 60/206,848
FILING DATE: 2000-05-23
APPLICATION NUMBER: 60/207,727
FILING DATE: 2000-05-26

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US-10-282-122A-55748
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PRIOR APPLICATION NUMBER: 60/206,848
PRIOR FILING DATE: 2000-05-23
PRIOR APPLICATION NUMBER: 60/207,727
PRIOR FILING DATE: 2000-05-26
PRIOR APPLICATION NUMBER: 60/230,335
PRIOR FILING DATE: 2000-09-06
PRIOR APPLICATION NUMBER: 60/230,347
PRIOR APPLICATION NUMBER: 60/230,347
PRIOR FILING DATE: 2000-09-09
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LENGTH: 372
TYPE: PRT
ORGANISM: Pseudomonas putida
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Publication No. US20040029129A1
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Best Local Similarity
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PRIOR TILING DATE: 2001-02-09
PRIOR APPLICATION NUMBER: 60/269,308
PRIOR FILING DATE: 2001-02-16
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FILING DATE: 2000-09-06
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APPLICATION NUMBER: 60/257,931
FILING DATE: 2000-12-22
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Wang,
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Yamamoto, Robert
Forsyth, R.
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Wall, Daniel
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Malone, Cheryl
Haselbeck, Robert
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Pred. No. 2.4e-06;
2; Mismatches 22;
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; TYPE: PRT
; ORGANISM: Enterobacter cloacae
US-10-282-122A-55748
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PRIOR FILING DATE: 2000-11-27
PRIOR APPLICATION NUMBER: 60/257,931
PRIOR FILING DATE: 2000-12-22
PRIOR APPLICATION NUMBER: 60/267,636
PRIOR FILING DATE: 2001-02-09
PRIOR FILING DATE: 2001-02-16
PRIOR APPLICATION NUMBER: 60/269,308
PRIOR APPLICATION NUMBER: 60/269,308
PRIOR FILING DATE: 2001-02-16
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NUMBER OF SEQ ID NOS: 78614
SOFTWARE: PatentIn version 3.1
SEQ ID NO 55748
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186 AAADAQKKAEAEAAKKAAADAQKKAEAEAAKKAAQEAEKKA 226
                                                                                  53 ЕУАЛАЕЛКУКАЕЛАККА-----УКЛЕЛАКАЛАКЕЛАУЕЛ 86
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                                                                                                                           1 АККУАККЕКАУАККАЕКААКК-----АЕАКАУКААЕАККАКАЕАККУАКААКАЕКК 52
                                                                                                                                                                                               Similarity
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                                                                                                                                                                    39.4%; Score 161; DB 15;
47.5%; Pred. No. 4.2e-06;
16. Mismatches 21;
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Search completed: July 27, 2005, 02:06:49 Job time: 87.9072 secs

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Post-processing: Minimum Match 0%
Maximum Match 100%
Listing first 45 summaries
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US-09-816-989A-4
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US-09-405-743A-3
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US-09-405-743A-3
US-09-405-743A-3
US-09-405-743A-3
US-09-416-989A-3
US-09-416-989A-3
US-08-167-641C-64
US-08-167-641C-64
US-08-167-641C-64
US-08-161-64
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US-08-161-64
US-09-41-889-27
US-09-41-889-27
US-09-328-352-5321
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Sequence 6, Application US/09816989A
Sequence 10, Application US/09816989A
Patent No. 6800287
GENERAL INFORMATION:
APPLICANT: GAG, Alexander
APPLICANT: Lis, Doris
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        UN-09-405-743A-6
Sequence 6, Application US/09405743A
Patent No. 6514938
GENERAL INFORMATION:
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SEQ ID NO 6
LENGTH: 86
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TITLE OF INVENTION: COPOLYMER 1 RELATED POLYPEPTIDES TITLE OF INVENTION: AND FOR THERAPEUTIC USE FILE REFERENCE: 2609/60807-A-PCT-US CURRENT APPLICATION NUMBER: US/09/816,989A CURRENT FILING DATE: 2001-03-23 PRIOR APPLICATION NUMBER: 60/101,693 PRIOR APPLICATION NUMBER: 60/101,693 PRIOR APPLICATION NUMBER: 607-25 PRIOR APPLICATION NUMBER: FCT/US99/22402 PRIOR FILING DATE: 1998-09-24
                                                                                                                                                                                                                                                                                                                                                    Query Match
Best Local :
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         APPLICANT: Yeda Research and Development Co., Ltd.
TITLE OF INVENTION: GLATIRAMER ACETATE MOLECULAR WEIGHT MARKERS
FILE REFERENCE: 60807-A
CURRENT APPLICATION NUMBER: US/09/405,743A
CURRENT APPLICATION 1999-09-24
RUMBER OF SEQ ID NOS: 7
                                                                                                                                                                                                                                                                                                                                                                                                       ORGANISM: Artificial Sequence FEATURE: OTHER INFORMATION: Description OTHER INFORMATION: PEPTIDE
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US-08-293-284A-2
US-08-293-284A-2
US-08-898-300-2
US-08-824-513-2
US-09-85-855-201
US-09-205-426-201
US-09-205-426-201
US-09-29-329-5
US-09-489-039A-13743
US-09-481-889-3
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US-09-816-989A-2
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US-09-641-889-4
US-09-641-889-4
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Pred. No. 3.2e-31;
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Pred. No. is the score greater that and is derived

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                                                                                                                                                                                     Sequence 5, Applic Patent No. 6800287
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SEQ ID NO 5
LENGTH: 77
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OTHER INFORMATION:
-09-405-743A-5
CURRENT APPLICATION NUMBER: US/09/816,989A CURRENT FILING DATE: 2001-03-23 PRIOR APPLICATION NUMBER: 60/101,693 PRIOR FILING DATE: 1998-09-25 PRIOR APPLICATION NUMBER: PCT/US99/22402 PRIOR FILING DATE: 1999-09-24
                                                                                           APPLICANT: Lis, Doris
TITLE OF INVENTION: COPOLYMER 1 RELATED POLYPEPTIDES FOR USE AS MOLECULAR WEIGHT MARK
TITLE OF INVENTION: AND FOR THERAPEUTIC USE
FILE REFERENCE: 2609/60807-A-PCT-US
                                                                                                                                            APPLICANT: Gad, Alexander APPLICANT: Lis, Doris
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1 Similarity 89.5%;
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                                                                                                                                                                                                       Application US/09816989A
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Pred. No. 5.8e-26;
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Pred. No. 3.2e-31;
Mismatches 0;
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TITLE OF INVENTION: COPOLYMER 1 RELATED POLY!
TITLE OF INVENTION: AND FOR THERAPEUTIC USE
FILE REFERENCE: 2609/60807-A-PCT-US
CURRENT APPLICATION NUMBER: US/09/816,989A
CURRENT FILING DATE: 2001-03-23
PRIOR APPLICATION NUMBER: 60/101,693
PRIOR APPLICATION NUMBER: PCT/US99/22402
PRIOR APPLICATION NUMBER: PCT/US99/22402
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                                                                                                                                     GENERAL INFORMATION:
APPLICANT: Gad, Alexander
APPLICANT: Lis, Doris
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                                                                                                                                                                                 sequence 7, Application US/09816989A
Patent No. 6800287
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Best Local Similarity
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SOFTWARE: PatentIn version
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CURRENT FILING DATE: 1999-09-24
NUMBER OF SEQ ID NOS: 7
SOFTWARE: Patentin Ver. 2.1
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             APPLICANT: Yeda Research and Development Co., Ltd.
TITLE OF INVENTION: GLATIRAMER ACETATE MOLECULAR WEIGHT MARKERS
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OTHER INFORMATION:
OTHER INFORMATION:
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TYPE: PRT
ORGANISM: Artificial Sequence
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TYPE: PRT
ORGANISM: Artificial Sequence
PEATURE:
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Pred. No. 5.8e-26;
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Pred. No. 3.3e-22;
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                                                                                                                       POLYPEPTIDES FOR USE AS MOLECULAR WEIGHT MARKI
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RESULT 8
US-09-816-989A-4
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SEQ ID NO 4
LENGTH: 66
TYPE: PRT
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SOFTWARE: PatentIn version 3.1
SEQ ID NO 7
                                                                                                                  GENERAL INFORMATION:
APPLICANT: Gad, Alexander
APPLICANT: Lis, Doris
TITLE OF INVENTION: COPOLYMER 1 RELATED POLYPEPTIDES
TITLE OF INVENTION: AND FOR THERAPEUTIC USE
                                                                                                                                                                                                Sequence 4, Application US/09816989A Patent No. 6800287
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                                                                 FILE REFERENCE: 2609/60807-A-PCT-US
CURRENT APPLICATION NUMBER: US/09/816,989A
CURRENT FILING DATE: 2001-03-23
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       APPLICANT: Yeda Res
                                                    PRIOR APPLICATION NUMBER: 60/101,693
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        OTHER INFORMATION: Description of Artificial Sequence: OTHER INFORMATION: PEPTIDE
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FILING DATE: 1998-09-25
APPLICATION NUMBER: PCT/US99/22402
FILING DATE: 1999-09-24
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GLATIRAMER ACETATE MOLECULAR WEIGHT MARKERS
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Pred. No. 3.3e-22;
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No. 2.5e-18;
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GENERAL INFORMATION:
APPLICANT: Gad, Alexander
APPLICANT: Lis, Doris
TITLE OF INVENTION: COPOLYMER 1 RELATED POLYPEPTIDES FOR
TITLE OF INVENTION: AND FOR THERAPEUTIC USE
FILE REFERENCE: 2609/60807-A-PCT-US
CURRENT APPLICATION NUMBER: US/09/816,989A
CURRENT FILING DATE: 2001-03-23
PRIOR APPLICATION NUMBER: 60/101,693
PRIOR APPLICATION NUMBER: 60/101,693
PRIOR FILING DATE: 1998-09-25
PRIOR APPLICATION NUMBER: PCT/US99/22402
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SOFTWARE: PatentIn version 3.1
SEQ ID NO 4
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Best Local S
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CURRENT FILING DATE: 1999-09-24
NUMBER OF SEQ ID NOS: 7
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TITLE OF INVENTION: GLATIRAMER ACETATE MOLECULAR WEIGHT MARKERS
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OTHER INFORMATION:
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Pred. No. 3.6e-15;
2; Mismatches 0;
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Pred. No. 2.5e-18;
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RESULT 12
US-08-460-890A-64
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SEQ ID NO 3
LENGTH: 56
TYPE: PRT
ORGANISM: Artificial Sequence
                                                                                                                               GENERAL INFORMATION:
APPLICANT: Woo, Sa
APPLICANT: Smith,
APPLICANT: Cristial
APPLICANT: Gottcha
                                                                                                                                                                                                                Sequence 64, Application US/08460890A Patent No. 5994109
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SEQ ID NO 13565
LENGTH: 469
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PRIOR APPLICATION NUMBER: US 60/117,747
PRIOR FILING DATE: 1999-01-29
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              FILE REFERENCE: 2709.2004001
CURRENT APPLICATION NUMBER: US/09/489,039A
CURRENT FILING DATE: 2000-01-27
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TITLE OF INVENTION: NUCLEIC ACID AND AMINO ACID SEQUENCES RELATING TO KLEBSIELLA
TITLE OF INVENTION: PNEUMONIAE FOR DIAGNOSTICS AND THERAPEUTICS
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OTHER INFORMATION: Description of Artificial Sequence: Synthetic Peptide
                                                                NUMBER OF SEQUENCES: 6
CORRESPONDENCE ADDRESS:
                                                                                                 TITLE OF INVENTION: NUCLEIC ACID TO
STREET: 633 West Fifth Street
STREET: 801te 4700
CITY: Log 7-
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                                                                                                                                                                                                                                                                                                                   KKAQQEAAKQAAAEKAAAE 281
                                                                                                                                                                                                                                                                                                                                                                                ЕОЛЛАКАЛАДАККОЛЕЛАЛАКАЛЛЕЛККОЛЕЛЕЛАК -- ЛАЛЕЛОККАЕЛЛАЛАККАООЕЛЕ 262
                                                                                                                  : Woo, Savio L.C.
: Smith, Louis C.
: Cristiano, Richard J.
: Gottchalk, Stephen
INVENTION: NUCLEIC ACID ?
                                                                                                                                                                                                                                                                                                                                                                                                                                                 Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Conservative
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62.8%;
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                                                                                                                                                                                                                                                                                                                                                                                                                                             Score 157.5; DB 4;
Pred. No. 3e-07;
1; Mismatches 21;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Score 233; DB 4; Length 56; 
Pred. No. 3.6e-15; 
2; Mismatches 0; Indels
                                                                                                                  ACID TRANSPORTER SYSTEMS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                56
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Length 469;
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US-08-167-641C-64
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                                                                                                                                                                                                                                                               Patent No.
                                                                                                                                                                                                                                                                               Sequence 64,
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            COUNTRY:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              LENGTH:
 COUNTRY: U.S.A. ZIP: 90071-2066
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TELEX: 67-3510
INFORMATION FOR SEQ ID NO:
SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                   GENERAL INFORMATION:
APPLICANT: WOO, S
                                                                                                                         APPLICANT: Smith, Louis C.
APPLICANT: Cristiano, Richard J.
APPLICANT: Gottchalk, Stephen
TITLE OF INVENTION: NUCLEIC ACID TRANSPORTER SYSTEMS AND
TITLE OF INVENTION: METHODS OF USE
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 FEATURE:
OTHER INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             SOFTWARE: FASTSEM: IBM P.C. DOS
CURRENT APPLICATION DATA:
APPLICATION NOTA:
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MEDIUM TYPE: 3.5" Diskette,
MEDIUM TYPE: storage
                                                                                       NUMBER OF SEQUENCES: 6
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       TELECOMMUNICATION INFORMATION: TELEPHONE: (213) 489-1600
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             FILING DATE: March 19, 1 ATTORNEY/AGENT INFORMATION:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       TELEPHONE: (213) 955-0440
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         NAME: Warburg, Richard J.
REGISTRATION NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 21
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             APPLICATION NUMBER: 08/167,641
FILING DATE: December 14, 1993
APPLICATION NUMBER: 07/855,389
                                 ADDRESSEE: Lyon & Lyon
STREET: 633 West Fifth Street
STREET: Suite 4700
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              OTHER INFORMATION: "Lys Ala" in positions 3 to 100 may OTHER INFORMATION: present or absent.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           FILING DATE: March 20, 1992
APPLICATION NUMBER: PCT/US93/02725
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      APPLICATION NUMBER: US/08/460,890A FILING DATE: June 5, 1995
CITY: Los Angeles
STATE: California
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            TYPE: amino acid
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             CLASSIFICATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          STRANDEDNESS:
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47; Conserva
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                                                                                                                                                                                                                                                      4, Application US/08167641C 6033884
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                                                                                                                                                                                                                                                                                                                                                                                                                                      100 amino acids
                                                                                                                                                                                              Woo, Savio L.C.
Smith, Louis C.
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linear
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55.3%;
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Pred. No. 8.3e-08;
6; Mismatches 30
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Patent No. 6150168
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APPLICANT:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           APPLICATION NUMBER: 07/855,389
FILING DATE: March 20, 1992
APPLICATION NUMBER: PCT/US93/02725
FILING DATE: March 19, 1993
ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 MOLECULE TYPE: peptide
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           TELECOMMUNICATION INFORMATION: TELEPHONE: (213) 489-1600
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   PRIOR APPLICATION DATA:
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                                 COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
MEDIUM TYPE: storage
                                                                                                                                                                                                         CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                          IITLE OF INVENTION: NUCLEIC ACID TRANSPORTER SYSTEMS
                                                                                                                                                                                                                           NUMBER OF SEQUENCES:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     APPLICATION NUMBER: US/08/167,641C FILING DATE: December 14, 1993 CLASSIFICATION: 435
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REFERENCE/DOCKET NUMBER: 205/012
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                                                                                                                                              STREET: 633 West ru
STREET: Suite 4700
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Local Similarity
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   LENGTH: 100 amino acids
TYPE: amino acid
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COMPUTER: IBM CONCERNING SYSTEM:
                                                                                                                     CITY: Los Angeles
STATE: California
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                                                                                                       COUNTRY:
                                                                                                                                                                                         ADDRESSEE:
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                                                                                     90071-2066
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TYPE: 3.5" Diskette, 1.44 Mb
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           (213) 955-0440
                                                                                                         U.S.A.
                                                                                                                                                                                                                                                                                                                               WOO,
                                                                                                                                                                                                                                                                             Gottchalk,
                                                                                                                                                                                                                                                                                                             Woo, Savio L.C.
Smith, Louis C.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Conservative
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                                                                                                                                                                      Lyon & Lyon
3 West Fifth Street
 IBM Compatible
YSTEM: IBM P.C. DOS 5.0
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US-08-462-040-64
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INFORMATION FOR SEQ ID NO:
                                                                                                                                                                                                                                                                                                                                                                         GENERAL INFORMATION:
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PRIOR APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  SEQUENCE CHARACTERISTICS:
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TELECOMMUNICATION INFORMATION:
TELEPHONE: (213) 489-1600
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                SOFTWARE: FastSEQ for Windows 2.0 CURRENT APPLICATION DATA:
                                                                        COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
MEDIUM TYPE: storage
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      FEATURE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 MOLECULE TYPE: peptide
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                                                                                                                                                                                                                                                                          TITLE OF INVENTION:
                                                                                                                                                                                                                                                                                                          APPLICANT:
               OPERATING SYSTEM: IBM P.C. DOS 5.0 SOFTWARE: FastSEQ for Windows 2.0 CURRENT APPLICATION DATA:
                                                                                                                                                                                                                                        CORRESPONDENCE ADDRESS
                                                                                                                                                                                                                                                           NUMBER OF SEQUENCES:
                                                                                                                                                                                                                                                                                                                                         APPLICANT:
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Local Similarity 55.3%;
hes 47; Conservative
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               NAME: Warburg, Richard J. REGISTRATION NUMBER: 32,327
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TOPOLOGY: lir
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                                                                                                                                                          CITY: Los Angeles
STATE: California
                                                                                                                                                                                        STREET: 633 West Fifth Street
STREET: Suite 4700
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  TYPE: amino acid
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  APPLICATION NUMBER:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 APPLICATION NUMBER:
                                                                                                                                            COUNTRY: U.S.A.
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                                                                                                                               90071-2066
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                                                               IBM
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December 14, 1993
IUMBER: 07/855,389
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                                                                                                                                                                                                                                                                                                                                                         Savio L.C.
                                                        Compatible
                                                                                                                                                                                                                                                                      NUCLEIC ACID TRANSPORTER SYSTEMS AND METHODS OF USE
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               US/08/460,971A
US/08/462,040
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Pred. No. 8.3e-08;
6; Mismatches 30
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Length 100;
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FILING DATE: June 5, 1995
CLASSIFICATION: 536
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/167,641
FILING DATE: December 14, 1993
APPLICATION NUMBER: 07/855,389
FILING DATE: March 20, 1992
APPLICATION NUMBER: PCT/US93/02725
APPLICATION NUMBER: PCT/US93/02725
APPLICATION NUMBER: PCT/US93/02725
APPLICATION NUMBER: PCT/US93/02725
APPLICATION NUMBER: 212/078
TREFERENCE/DOCKET NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 212/078
TELECOMMUNICATION INFORMATION:
TELEPHONE: (213) 955-0440
TELEFAX: (213) 955-0440
TELEFAX: (213) 955-0440
TELEFAX: 67-3510
INFORMATION FOR SEQ ID NO: 64:
SEQUENCE CHARACTERISTICS:
LENGTH: 100 amino acids
TYPE: amino acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: peptide
FEATURE:
OTHER INFORMATION: Present or absent.
US-08-462-040-64
Search completed: July 27, 2005, 01:26:47 Job time: 25.4008 secs
                                                                                                                                                                                                                                                                                                 Query Match 38.1%; Score 156; DB 3; Length 100; Best Local Similarity 55.3%; Pred. No. 8.3e-08; Matches 47; Conservative 6; Mismatches 30; Indels
                                                                                                       62
                                                                                                                                              59 AKYKAEAAKKAYKAEAAKAAAKEAA 83
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Copyright

GenCore version 5.1.6 (c) 1993 - 2005 Compugen Ltd.

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Minimum DB
Maximum DB
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No.
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Maximum Match 100%
Listing first 45 summaries
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Searched:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Scoring table:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Sequence:
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Perfect score:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         OM protein - protein search, using sw model
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Total number of hits satisfying chosen parameters:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     95:
                                                                                                                                                                                                                                                                                                                                               Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.
                         519
519
312.5
312.5
289
228.5
228.5
190.5
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seq length: 2000000000
                                                                                                                                                                                                                                                  Match
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1: /cgn2_6/ptodata/2/pubpaa/US07_PUBCOMB.pep:*

2: /cgn2_6/ptodata/2/pubpaa/PCT_NEW_PUB.pep:*

3: /cgn2_6/ptodata/2/pubpaa/US06_NEW_PUB.pep:*

4: /cgn2_6/ptodata/2/pubpaa/US07_NEW_PUB.pep:*

5: /cgn2_6/ptodata/2/pubpaa/US07_NEW_PUB.pep:*
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100.0
60.2
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519
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                                                                                                                                                                                                                                                                     Query
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/ cgn2_6/ptodata/2/pubpaa/US08_PUBCOMB.pep:*
/ cgn2_6/ptodata/2/pubpaa/US08_PUBCOMB.pep:*
/ cgn2_6/ptodata/2/pubpaa/US08_PUBCOMB.pep:*
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/ cgn2_6/ptodata/2/pubpaa/US09_PUBCOMB.pep:*
/ cgn2_6/ptodata/2/pubpaa/US09_PUBCOMB.pep:*
/ cgn2_6/ptodata/2/pubpaa/US10A_PUBCOMB.pep:*
/ cgn2_6/ptodata/2/pubpaa/US10B_PUBCOMB.pep:*
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109
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86
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  9 US-09-816-989A-7

105-10-792-311-7

9 US-09-816-989A-6

17 US-10-792-311-6

19 US-09-816-989A-5

10 US-10-792-311-5

10 US-10-792-311-4

11 US-10-282-122A-568109

11 US-10-282-122A-55748

15 US-10-282-122A-56483
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Sequence 7, Appli
Sequence 6, Appli
Sequence 6, Appli
Sequence 5, Appli
Sequence 5, Appli
Sequence 4, Appli
Sequence 4, Appli
Sequence 4, Appli
Sequence 68109, A
Sequence 55748, A
Sequence 55483, A
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## ALIGNMENTS

RESULT 1

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Qy         1 AKKYAKKAEKAYAKKAKAAKEKKAYAKKEAKAYKAEAKKKAKAEAKKKYAKEAAKAKKEA 60	Query Match 100.0%; Score 519; DB 9; Length 109; Best Local Similarity 100.0%; Pred. No. 1.1e-33; Matches 109; Conservative 0; Mismatches 0; Indels 0; Gaps 0;	; FEATURE: ; OTHER INFORMATION: Description of Artificial Sequence: Synthetic Peptide US-09-816-989A-7	; LENGTH: 109 ; TYPE: PRT ; ORGANISM: Artificial Sequence	SOFTWARE: PatentIn version 3.1 SEQ ID NO 7	PRIOR PILINGATION NUMBER: PCT/US99/224U2  PRIOR FILING ISS 1999-09-24	; PRIOR APPLICATION NUMBER: 60/101,693 ; PRIOR FILING DATE: 1998-09-25	; FILE REFERENCE: 2009/00807-A-PCITUS; CURRENT APPLICATION NUMBER: US/09/816,989A; CURRENT FILING DATE: 2001-03-23	TITLE OF INVENTION: COPOLYMER 1 RELATED POLYPEPTIDES FOR USE AS MOLECULAR WEIGHT MARKI TITLE OF INVENTION: AND FOR THERAPEUTIC USE	; GENERAL INFORMATION: ; APPLICANT: Gad, Alexander · APPLICANT: I.is: Doris	US-09-816-989A-7 US-09-816-989A-7 ; Sequence 7, Application US/09816989A ; Patent No. US20020115103A1

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LENGTH: 109
TYPE: PRT
  Query Match
                                                                                                                                                               SOFTWARE: PatentIn version 3.1 SEQ ID NO 6
                                                                                                                                                                                                                                                                                                                                                                                                             GENERAL INFORMATION:
APPLICANT: Gad, Alexander
APPLICANT: Lis, Doris
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Sequence 6, Application US/09816989A
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Patent No.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          APPLICANT: Lis, Doris
TITLE OF INVENTION: COPOLYMER 1 RELATED POLYPEPTIDES FOR USE AS MOLECULAR WEIGHT MARK
TITLE OF INVENTION: AND FOR THERAPEUTIC USE
FILE REFERENCE: 2609/60807-A-PCCT-US
CURRENT APPLICATION NUMBER: US/10/792,311
CURRENT FILING DATE: 2004-03-02
                                                                                                                                                                                                                                                                  TITLE OF INVENTION: COPOLYMER 1 RELATED POLYPEPTIDES TITLE OF INVENTION: AND FOR THERAPEUTIC USE FILE REFERENCE: 2609/6007-A-PCT-US CURRENT APPLICATION NUMBER: US/09/816,989A CURRENT FILING DATE: 2001-03-23 PRIOR APPLICATION NUMBER: 60/101,693 PRIOR FILING DATE: 1998-09-25
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PRIOR FILING DATE: 2001-03-23
PRIOR APPLICATION NUMBER: 60/101,693
PRIOR FILING DATE: 1998-09-25
PRIOR APPLICATION NUMBER: PCT/US99/22402
                                                                                                                                                                                                                                               PRIOR
                                                                                                                                                                                                       PRIOR FILING DATE: 199
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     SOFTWARE: PatentIn version 3.1
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NUMBER OF SEQ ID NOS: 7
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   APPLICANT: Gad, Alexander APPLICANT: Lis, Doris
                                                                                                                         LENGTH: 86
TYPE: PRT
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                                                                                                      ORGANISM: Artificial Sequence
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             OTHER INFORMATION: Description of Artificial Sequence: Synthetic
                                                            OTHER INFORMATION: Description of Artificial Sequence:
                                                                                      FEATURE:
                                                                                                                                                                                                                                               APPLICATION NUMBER: PCT/US99/22402
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  Score 312.5;
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Pred. No. 1.1e-33;
); Mismatches 0;
  DB 9;
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Length
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; FEATURE:
; OTHER INFORMATION:
US-10-792-311-6
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SOFTMAN
SEQ ID NO 5
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Best Local Similarity
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  TITLE OF INVENTION: COPOLYMER 1 RELATED POLYPEPTIDES FOR USE AS MOLECULAR WEIGHT MARKI
TITLE OF INVENTION: AND FOR THERAPEUTIC USE
FILE REFERENCE: 2609/60807-A-PCTUS
CURRENT APPLICATION NUMBER: US/10/792,311
CURRENT FILING DATE: 2004-03-02
PRIOR APPLICATION NUMBER: US/09/816,989
PRIOR APPLICATION NUMBER: US/09/816,989
PRIOR FILING DATE: 2001-03-23
PRIOR FILING DATE: 1908-09-25
PRIOR APPLICATION NUMBER: 60/101,693
PRIOR APPLICATION NUMBER: 60/101,693
PRIOR APPLICATION NUMBER: MEDICATION NUMBER: PC-25
PRIOR APPLICATION NUMBER: MEDICATION NUMBER: PC-25
PRIOR FILING DATE: 1999-09-24
NUMBER OF SEQ ID NOS: 7
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                                                                                                                                           APPLICANT: Gad, Alexander
APPLICANT: Lis, Doris
TITLE OF INVENTION: COPOLYMER 1 RELATED POLYPEPTIDES FOR
TITLE OF INVENTION: AND FOR THERAPEUTIC USE
FILE REFERENCE: 2609/60807-A-PCT-US
CURRENT APPLICATION NUMBER: US/09/816,989A
CURRENT FILING DATE: 2001-03-23
PRIOR APPLICATION NUMBER: 60/101,693
PRIOR PILING DATE: 1998-09-25
PRIOR FILING DATE: 1998-09-25
                                           PRIOR APPLICATION NUMBER: PCT/US99/22402
PRIOR FLING DATE: 199-09-24
NUMBER OF SEQ ID NOS: 7
SOFTWARE: PatentIn version 3.1
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      37 -KAEAKKYAKAAKAEKKEYAAAEAKYKAEAAKKAYKAEAAKAAAKEAAYEA 86
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1; Mismatches 3;
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                                                                                                                                                   Sequence 4, Application US/09816989A Patent No. US20020115103A1 GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                     Matches
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SOFTWARE: PATENTIN VERSION 3.1
SEQ ID NO 5
LENGTH: 77
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PRIOR FILING DATE: 2001-03-23
PRIOR APPLICATION NUMBER: 60/101,693
PRIOR FILING DATE: 1998-09-25
PRIOR APPLICATION NUMBER: PCT/US99/22402
PRIOR FILING DATE: 1999-09-24
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CURRENT FILING DATE: 2004-03-02
CURRENT FILING DATE: 2004-03-02
              TITLE OF INVENTION: COPOLYMER 1 RELATED POLYPEPTIDES TITLE OF INVENTION: AND FOR THERAPEUTIC USE FILE REFERENCE: 2609/60807-A-PCT-US CURRENT APPLICATION NUMBER: US/09/816,989A CURRENT FILING DATE: 2001-03-23
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                                                                                                              APPLICANT: Gad, Alexander APPLICANT: Lis, Doris
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ORGANISM: Artificial Sequence
FEATURE:
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APPLICATION NUMBER: 60/101,693
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Pred. No. 7.8e-16;
1; Mismatches 3
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Pred. No. 7.8e-16;
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                                                                                             MOLECULAR WEIGHT
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RESULT 9 US-10-282-122A-68109

Sequence 68109, Application US/10282122A Publication No. US20040029129A1 GENERAL INFORMATION:

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RESULT 8
UE-10-792-311-4
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SEQ ID NO 4
LENGTH: 66
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Best Local Similarity
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SOFTWARE: PatentIn version 3.1
                                                                                                                                                                                                                                                                                                                                                                                      PRIOR APPLICATION NUMBER: 60/101,693
PRIOR TILING DATE: 1998-09-25
PRIOR APPLICATION NUMBER: PCT/US99/22402
PRIOR FILING DATE: 1999-09-24
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  TITLE OF INVENTION: COPOLYMER 1 RELATED POLYPEPTIDES FOR USE AS MOLECULAR WEIGHT MARKITITLE OF INVENTION: AND FOR THERAPEUTIC USE FILE REFERENCE: 2609/60807-A-PCT-US CURRENT APPLICATION NUMBER: US/10/792,311
CURRENT FILING DATE: 2004-03-02
CURRENT FILING DATE: 2004-03-02
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PRIOR FILING DATE: 2001-03-23
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                                                                                                                                                                                                                                     OTHER INFORMATION: Description of Artificial Sequence: Synthetic Peptide
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                                                                                                                                                                                                                                                                                               TYPE: PRT
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                                                                                                                                                                                                                                                        FEATURE:
                                                                                                                                                                                                                                                                                                              LENGTH: 66
                                                                                                                                                                Local Similarity
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                                61 ҮКАЕАККҮАКААКАЕККЕҮАААЕАККАЕААКАҮКАЕААКАААКЕААҮЕА
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                                                                                                                                              Conservative
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Pred. No. 3.7e
0; Mismatches
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                                                                                                                                                              Score 228.5;
Pred. No. 3.7
                                                                                                                                              Mismatches
                                                                                                                                                              3.7e-11;
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RESULT 10
US-10-282-122A-55748
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PRIOR FILING DATE: 2000-11-27
PRIOR APPLICATION NUMBER: 60/257,931
PRIOR FILING DATE: 2000-12-22
PRIOR APPLICATION NUMBER: 60/267,636
PRIOR FILING DATE: 2001-02-09
PRIOR APPLICATION NUMBER: 60/269,308
PRIOR APPLICATION NUMBER: 60/269,308
PRIOR FILING DATE: 2001-02-16
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     SOPTWARE: PatentIn version 3.1
SEQ ID NO 68109
LENGTH: 372
TYPE: PRT
ORGANISM: Pseudomonas putida
                                                                                                                                                                                                                         GENERAL INFORMATION:
                                                                                                                                                                                                                                         Sequence 55748, Application US/10282122A
Publication No. US20040029129A1
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                                                                                                                              ENERAL AN. BAPELCANT: Wang, Lieng
APPLICANT: Zamudio, Carlos
APPLICANT: Malone, Cheryl
Malone, Robert
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         PRIOR APPLICATION NUMBER: 60/230,347
PRIOR FILING DATE: 2000-09-09
PRIOR APPLICATION NUMBER: 60/242,578
PRIOR FILING DATE: 2000-10-23
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PRIOR FILING DATE: 2000-05-26
PRIOR APPLICATION NUMBER: 60/230,335
PRIOR FILING DATE: 2000-09-06
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TITLE OF INVENTION: Identification of Essential Genes in Microorganisms
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                                             APPLICANT:
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Similarity 50.4%;
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                                                                                                                                                                                                                                                                                                                                                                                                                                            AKKAEDA-AKAAEAAKAAEAKKAAEAKKADEAKKAAEKQQADIAKKKAEDEAKKKAEEEA 176
                                                                                                                                                                                                                                                                                                                                                             KKAAAEEAKKKAAEDAKKKAAEEAKKKAAEDAKKKAAAEDAKKKAAEEAKKKAAADA 233
Yamamoto, ~~
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Yamamoto, Robert
Forsyth, R.
                                                                                Zyskind, Judith
Wall, Daniel
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Haselbeck, Robert
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                                     Carr, Grant
                                                              Trawick, John
                                                                                                                       Ohlsen, Kari
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                      Robert
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NUMBER OF SEQ ID NOS: 78614
SOFTWARE: Patentin version 3.1
SEQ ID NO 55748
LENGTH: 428
TYPE: PRT
ORGANISM: Enterobacter cloacae
                                                                                                                                                                                                                                                                                                                                                                   Sequence 56483, Application US/10282122A Publication No. US20040029129A1
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APPLICANT:
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TITLE OF INVENTION: Identification of Essential Genes in Microorganisms FILE REFERENCE: ELITRA.034A CURRENT APPLICATION NUMBER: US/10/282,122A CURRENT FILING DATE: 2003-02-20 PRIOR APPLICATION NUMBER: 60/191,078
                                                                                                                                                                                                                                                                               APPLICANT: Wang, Liangsu
APPLICANT: Zamudio, Carlo
APPLICANT: Malone, Chery
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PRIOR APPLICATION NUMBER: 60/206,848
PRIOR FILING DATE: 2000-05-23
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CURRENT FILING DATE: 2003-02-20
PRIOR APPLICATION NUMBER: 60/191,078
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TITLE OF INVENTION: Identification of Essential Genes in Microorganisms
FILE REFERENCE: ELITRA.034A
                                                                                                    APPLICANT:
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PRIOR FILING DATE: 2000-05-26
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FILING DATE: 2000-11-27
APPLICATION NUMBER: 60/257,931
FILING DATE: 2000-12-22
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APPLICATION NUMBER: 60/269,308
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APPLICATION NUMBER: 60/242,578
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FILING DATE: 2000-09-06
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                                                                                                                   Carr, Grant
Yamamoto, Robert
Forsyth, R.
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Ohlsen, Kari
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FILING DATE:

APPLICATION NUMBER: 60/207,727

2000-05-23 NUMBER: 60/ 2000-05-26

APPLICATION NUMBER: 60/206,848

2000-03-21

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US-10-282-122A-75047
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SEQ ID NO 56483
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                                 TITLE OF INVENTION: Identification of Essential Genes in Microorganisms FILE REFERENCE: ELITRA.034A
CURRENT APPLICATION NUMBER: US/10/282,122A
CURRENT FILING DATE: 2003-02-20
PRIOR APPLICATION NUMBER: 60/191,078
PRIOR FILING DATE: 2000-03-21
PRIOR FILING DATE: 2000-03-21
PRIOR FILING DATE: 2000-05-23
PRIOR FILING DATE: 2000-05-23
PRIOR PRIOR PRIOR DATE: 2000-05-26
PRIOR FILING DATE: 2000-05-26
PRIOR FILING DATE: 2000-05-26
PRIOR FILING DATE: 2000-09-06
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APPLICANT: Zamudio, Carlo
APPLICANT: Malone, Cheryl
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APPLICATION NUMBER: 60/242,578
FILING DATE: 2000-10-23
APPLICATION NUMBER: 60/253,625
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APPLICATION NUMBER: 60/269,308
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APPLICATION NUMBER: 60/257,931
FILING DATE: 2000-12-22
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APPLICATION NUMBER: 60/230,347 FILING DATE: 2000-09-09
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Zyskind, Judith
Wall, Daniel
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Yamamoto, R
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US-10-282-122A-59321
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SOFTWARE: PatentIn version 3.1
SEQ ID N 75047
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PRIOR FILING DATE: 2000-12-22
PRIOR APPLICATION NUMBER: 60/267,636
PRIOR FILING DATE: 2001-02-09
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PRIOR FILING DATE: 2000-03-21
PRIOR APPLICATION NUMBER: 60/206,848
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CURRENT APPLICATION NUMBER: US/10/282,122A
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PRIOR APPLICATION NUMBER: 60/207,727
PRIOR FILING DATE: 2000-05-26
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                              TITLE OF INVENTION: Identification of Essential Genes in Microorganisms
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Local Similarity 55.5%; Pred. No. 6.6e
hes 66; Conservative 11; Mismatches
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APPLICATION NUMBER: 60/253,625
FILING DATE: 2000-11-27
                                                                                                                           APPLICATION NUMBER: 60/242,578 FILING DATE: 2000-10-23 APPLICATION NUMBER: 60/253,625
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                                                              APPLICATION NUMBER: 60/257,931 FILING DATE: 2000-12-22
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                                        FILING DATE: 2000-12-22
APPLICATION NUMBER: 60/267,636
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APPLICATION NUMBER: 60/269,308
                    FILING DATE:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 E Wang, Liangsu Zamudio, Carlos Ralone, Cheryl Halone, Cheryl Charles, Robert Ohlsen, Kari Zyskind, Judith Wall, Daniel Trawick, John
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          ЕЛУК--ЛЕЛККУЛКАЛКЛЕККЕУЛЛЛЕЛКК---ЛЕЛЛКАУКЛЕЛЛК---ЛАЛКЕЛЛУЕЛ 109
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                                                                                                           2000-11-27
                      2001-02-09
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data removed - See File Wrapper or PALM

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APPLICANT: Lis, Doris
TITLE OF INVENTION: CONDOLYMER 1 RELATED POLYPEPTIDES FOR
TITLE OF INVENTION: AND FOR THERAPEUTIC USE
FILE REFERENCE: 2609/60807-A-PCT-US
CURRENT APPLICATION NUMBER: US/09/816,989A
CURRENT FILING DATE: 2001-03-23
PRIOR APPLICATION NUMBER: 60/101,693
PRIOR APPLICATION NUMBER: 60/101,693
PRIOR FILING DATE: 1998-09-25
PRIOR FILING DATE: 1998-09-25
PRIOR FILING DATE: 1999-09-24
NUMBER: DET/US99/22402
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US-10-792-311-3
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SOFTWARE: Patentin version 3.1
SEQ ID NO 59321
LENGTH: 323
TYPE: PRT
ORGANISM: Klebsiella pneumoniae
                                                                                                                                                 Sequence 3, Application US/10792311 Publication No. US20050038233A1 GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                             Query Match
Best Local :
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Best Local Similarity
           APPLICANT: Gad, Alexander
APPLICANT: Lis, Doris
TITLE OF INVENTION: COPOLYMER 1 RELATED POLYPEPTIDES
TITLE OF INVENTION: AND FOR THERAPEUTIC USE
FILE REFERENCE: 2609/60807-A-PCT-US
CURRENT APPLICATION NUMBER: US/10/792,311
CURRENT FILING DATE: 2004-03-02
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            APPLICANT: Gad, Alexander APPLICANT: Lis, Doris
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        LENGTH: 56
TYPE: PRT
ORGANISM: Artificial Sequence
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              OTHER INFORMATION: Description of Artificial Sequence: Synthetic Peptide
                                                                                                                                                                                                                                                                                                                                                                                                                                                           Local
APPLICATION NUMBER: US/09/816,989
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  40
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                                                                                                                                                                                                                                                                                                                                                                                                                                                           Similarity
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          ADAQAKAAEQAAAKAAADAK-KQAEA---AAAKAAAEAKKQAEAEAAKAAAEAQKKAEAA 102
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                                                                                                                                                                                                                                                                                                                                                                                                                                      Score 180.5; DB 9;
Pred. No. 1.8e-07;
3; Mismatches 3;
                                                                                                                                                                                                                                                                                      -YKAEAAKAAAKEAAYEA 56
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                                                                                                                                                                                                                                                                                              SEQ ID NO 3
LENGTH: 56
TYPE: PRT
                                                                                                                                                Matches
                                                                                                                                                                   Best
                                                                                                                                                                                Query Match
                                                                                                                                                                                                                                                                                                                                                PRIOR FILING DATE: 2001-03-23
PRIOR APPLICATION NUMBER: 60/101,693
PRIOR FILING DATE: 1998-09-25
PRIOR APPLICATION NUMBER: PCT/US99/22402
PRIOR FILING DATE: 1999-09-24
NUMBER OF SEO ID NOS: 7
SOPTWARE: Patentin version 3.1
                                                                                                                                                                                                                                                                           ORGANISM: Artificial Sequence
                                                                                                                                                                                                                                                         FEATURE:
                                                                                                                                                                 Local
 40
                                  61 ҮКАЕАККҮАКААКАЕККЕҮАЛАЕАККАЕЛАКАҮКАЕЛАКАЛАКЕЛАҮЕЛ 109
                                                                                                                                            ch 34.8%;
l Similarity 45.9%;
50; Conservative
                                                                                                         1 АККҮАККАЕКАҮАККАККАККАҮАККЕАКАҮКААЕАКККАКАЕАККҮАКЕААКАККЕА 60
                                                                         AKKYAKK-EKAYAKKA-----EKAAKKAEAKAYKAAEAKKKAEAK----
                                                                                                                                                3; Mismatches
                                                                                                                                          Score 180.5; DB 1/; Pred. No. 1.8e-07; Pred. No. 3;
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Search completed: July 27, Job time: 110.15 secs 2005, 02:06:49

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Sequence Sequence

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Post-processing: Minimum Match 0%
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1: /cgn2_6/ptodata/1/iaa/5A_COMB.pep:*

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3: /cgn2_6/ptodata/1/iaa/6A_COMB.pep:*

4: /cgn2_6/ptodata/1/iaa/6B_COMB.pep:*

5: /cgn2_6/ptodata/1/iaa/PCTUS_COMB.pep:*

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US-09-816-989A-4
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US-09-816-989A-3
US-09-816-990A-64
US-08-460-971A-64
US-08-460-971A-64
US-08-460-971A-64
US-09-252-991A-29581
US-09-252-991A-29581
US-09-270-767-3914
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US-09-041-889-30
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Sequence 7; Application US/09816989A

; Sequence 7; Application US/09816989A

; Patent No. 6800287

; GENERAL INFORMATION:
  APPLICANT: Gad, Alexander
  APPLICANT: Lis, Doris
  TITLE OF INVENTION: COPOLYMER 1 RELATED POLYPEPTIDES FOR TITLE OF INVENTION: AND FOR THERAPEUTIC USE
  FILE REFERENCE: 2609/60807-A-PCT-US
  CURRENT APPLICATION NUMBER: US/09/816,989A
  CURRENT FILING DATE: 2001-03-23
  PRIOR APPLICATION NUMBER: 60/101,693
  PRIOR APPLICATION NUMBER: 60/101,693
  PRIOR APPLICATION NUMBER: PCT/US99/22402
  PRIOR FILING DATE: 1998-09-24
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; OTHER INFORMATION:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            APPLICANT: Yeda Research and Development Co., Ltd.
TITLE OF INVENTION: GLATIRAMER ACETATE MOLECULAR WEIGHT MARKERS
FILE REFERENCE: 60807-A
CURRENT APPLICATION NUMBER: US/09/405,743A
CURRENT FILING DATE: 1999-09-24
NUMBER OF SEQ ID NOS: 7
SOCTWARE: Patentin Ver. 2.1
SEQ ID NO 7
LENGTH: 109
TYPE: PRT
ORGANISM: Artificial Sequence
FEATURE:
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Best Local Similarity
Matches 109; Conserv
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US-08-216-894-10
US-09-115-746-10
US-09-115-746-2
US-09-041-889-4
US-09-041-264-4
US-09-012-540-15564
US-09-0141-889-3
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US-09-0141-89-3
US-09-0141-264-3
US-09-252-991A-32957
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US-08-252-991A-22853
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Pred. No. 7.7e-37;
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SEQ ID NO 6
LENGTH: 86
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LENGTH: 109
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APPLICANT: Lis, Doris
TITLE OF INVENTION: CONDYMER 1 RELATED POLYPEPTIDES
TITLE OF INVENTION: AND FOR THERAPEUTIC USE
FILE REFERENCE: 2609/60807-A-PCT-US
CURRENT APPLICATION NUMBER: US/09/816,989A
CURRENT FILING DATE: 2001-03-23
PRIOR APPLICATION NUMBER: 60/101,693
PRIOR APPLICATION NUMBER: 60/101,693
PRIOR FILING DATE: 1998-09-24
PRIOR FILING DATE: 1999-09-24
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CURRENT FILING DATE: 1999-09-24
NUMBER OF SEQ ID NOS: 7
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SOFTWARE: PatentIn version 3.1
                                                                                                                                                              APPLICANT: Gad, Alexander APPLICANT: Lis, Doris
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VENTION: GLATIRAMER ACETATE MOLECULAR WEIGHT MARKERS
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Pred. No. 1.1e-19;
1; Mismatches 3;
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Pred. No. 7.7e-37;
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; OTHER INFORMATION: Description of Artificial Sequence:
; OTHER INFORMATION: PEPTIDE
US-09-405-743A-5
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SEQ ID NO 5
LENGTH: 77
TYPE: PRT
Sequence 5, Application US/09816989A Patent No. 6800287
GENERAL INFORMATION:
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SOFTWARE: PatentIn version
SEQ ID NO 6
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Best Local (
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Patent No. 6514938
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Best Local
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TITLE OF INVENTION: GLATIRAMER ACETATE MOLECULAR MEIGHT MARKERS
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TYPE: PRT
ORGANISM: Artificial Sequence
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OTHER INFORMATION:
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                                                                                                                                    YKAEAKKYAKAAKAEKKEYAAAEAKKAEAAKAYKAEAAKAAAKEAAYEA 109
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Pred. No. 8.8e-18;
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APPLICANT: Gad, Alexander
APPLICANT: Lis, Doris
TITLE OF INVENTION: COPOLYMER 1 RELATED POLYPEPTIDES FOR USE AS
TITLE OF INVENTION: AND FOR THERAPEUTIC USE
TILE REFERENCE: 2609/60807-A-PCT-US
CURRENT APPLICATION UNMER: US/09/816,989A
CURRENT FILING DATE: 2001-03-23
PRIOR APPLICATION UNMER: 60/101,693
PRIOR PILING DATE: 1998-09-25
PRIOR APPLICATION NUMBER: PCT/US99/22402
PRIOR FILING DATE: 1998-09-24

MOLECULAR WEIGHT MARKE

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LENGTH: 66
TYPE: PRT
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APPLICANT: Gad, Alexander
APPLICANT: Lis, Doris
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LENGTH: 77
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Patent No. 6514938
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SOFTWARE: PatentIn vers
                                               TITLE OF INVENTION: COPOLYMER 1 RELATED POLYPEPTIDES TITLE OF INVENTION: AND FOR THERAPBUTIC USE FILE REFERENCE: 2609/60807-A-PCT-US CURRENT APPLICATION NUMBER: US/09/816,989A CURRENT FILING DATE: 2001-03-23
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 FILE REFERENCE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             APPLICANT: Yeda Research and Development Co., Ltd.
TITLE OF INVENTION: GLATIRAMER ACETATE MOLECULAR WEIGHT MARKERS
                                  PRIOR APPLICATION NUMBER: 60/101,693
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           OTHER INFORMATION:
OTHER INFORMATION:
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FILING DATE: 1998-09-25
APPLICATION NUMBER: PCT/US99/22402
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Pred. No. 8.8e-18;
1; Mismatches 3
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Pred. No. 8.6e-13;
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SOFTWARE: PatentIn version
SEQ,ID NO 4
FILE REFERENCE: 60807-A
CURRENT APPLICATION NUMBER: US/09/405,743A
CURRENT FILING DATE: 1999-09-24
NUMBER OF SEQ ID NOS: 7
SOFTWARE: PatentIn Ver. 2.1
SEQ ID NO 3
                                                                                                                                      GENERAL INFORMATION:
APPLICANT: Yeda Re
                                                                                                                                                                        Sequence 3, Application US/09405743A Patent No. 6514938
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Matches 62; Conserv
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Patent No. 6610836
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PRIOR PILING DATE: 1999-01-29
NUMBER OF SEQ ID NOS: 14342
EQ ID NO 1366
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CURRENT APPLICATION NUMBER: US/09/489,039A
CURRENT FILING DATE: 2000-01-27
                                                                                                                APPLICANT: Yeda Research and Development Co., Ltd.
TITLE OF INVENTION: GLATIRAMER ACETATE MOLECULAR WEIGHT MARKERS
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                                                                                                                                                                                                                                                                                                                                                                      ADAKKQAEAAAAKAAAEAKKQAEAEAAKAAAEAQKKAEAAAKKAQQEAEKKAQQEAAKQ
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56.9%;
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Pred. No. 8.6e-13;
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TITLE OF INVENTION: COPOLYMER 1 RELATED POLYPEPTIDES FOR TITLES OF INVENTION: AND FOR THERAPEUTIC USE FILE REFERENCE: 2609/60807-A-PCT-US CURRENT APPLICATION NUMBER: US/09/816,989A CURRENT FILING DATE: 2001-03-23 PRIOR PELICATION NUMBER: 60/101,693 PRIOR PELICATION NUMBER: 60/101,693 PRIOR PELICATION NUMBER: PCT/US99/22402 PRIOR PELICATION NUMBER: PCT/US99/22402 PRIOR PILING DATE: 1998-09-24 PRIOR PILING DATE: 1999-09-24 NUMBER OF SEQ ID NOS: 7
SOFTWARE: Patentin version 3.1
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US-09-816-989A-3
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LENGTH: 56
TYPE: PRT
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                                                                GENERAL INFORMATION:
APPLICANT: Woo, Savio L.C.
APPLICANT: Smith, Louis C.
APPLICANT: Cristiano, Rich
APPLICANT: Gottchalk, Step
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OTHER INFORMATION:
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                               APPLICANT: Gottchalk, Stephen TITLE OF INVENTION: NUCLEIC ACID TITLE OF INVENTION: METHODS OF USE
                  NUMBER OF SEQUENCES:
                                                                                                                                                                                                                                                                                                                                                                                                                            Local Similarity
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Local Similarity 45.9%;
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5. 6800287
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                                                                                 Cristiano, Richard J.
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Pred. No. 7.4e-09;
                                                ACID TRANSPORTER SYSTEMS
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                                                                                                                                                                                                                                              RESULT 13
US-08-167-641C-64
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                                                                                                                                                                                                                            Sequence
                                                                                                                                                                                                           Patent No.
                                                                                                                                                                                                                                                                                                                                                                                                                                                               Matches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Query Match
                                                                                                                                                                        GENERAL INFORMATION:
APPLICANT: WOO, S.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        TELEFAX: (213) 955-044
TELEX: 67-3510
INFORMATION FOR SEQ ID NO:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           SEQUENCE CHARACTERISTICS:
LENGTH: 100 amino acid
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               CLASSIFICATION: 435
PRIOR APPLICATION DATA:
                                              NUMBER OF SEQUENCES: (CORRESPONDENCE ADDRESS:
                                                                                                                    APPLICANT:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       FEATURE:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     TELECOMMUNICATION INFORMATION: TELEPHONE: (213) 489-1600
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         FILING DATE: March 19, ATTORNEY/AGENT INFORMATION
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                                                                                   TITLE OF INVENTION:
                                                                                                                                                       APPLICANT:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    TELEPHONE: (213) 955-0440
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        FILING DATE: December 14, 1993
APPLICATION NUMBER: 07/855,389
FILING DATE: March 20, 1992
APPLICATION NUMBER: PCT/US93/02725
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                APPLICATION NUMBER: US/08, FILING DATE: June 5, 1995
                                                                                                                                                                                                                                                                                                                                                                                                                                                    34.6%;
Local Similarity 55.0%;
es 55; Conservation
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  OTHER INFORMATION: "Lys Ala" in positions 3 to 100 may OTHER INFORMATION: present or absent.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           MEDIUM TYPE: 3.5" Diskette, MEDIUM TYPE: storage
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       STRANDEDNESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       NAME: Warburg, Richard J. REGISTRATION NUMBER: 32,3
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        OPERATING SYSTEM:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   COUNTRY: U.S.A. ZIP: 90071-2066
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                               ADDRESSEE:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           100 amino acids
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       3: Lyon & Lyon
633 West Fifth Street
                                                                                                                    Cristiano, Richard J. Gottchalk, Stephen
                                                                                                                                                     Woo, Savio L.C.
Smith, Louis C.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        SYSTEM: IBM P.C. DOS 5.1
FastSEQ for Windows 2.0
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                                                                                 NUCLEIC ACID TRANSPORTER SYSTEMS AND METHODS OF USE
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Pred. No. 1.6e-08;
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            SOFTWARE: FASTSEM: IBM P.C. DOS 5.0 SOFTWARE: FASTSEQ for Windows 2.0 CURRENT APPLICATION DATA:
APPLICATION WINNERS
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APPLICANT:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
MEDIUM TYPE: storage
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  SEQUENCE CHARACTERISTICS
LENGTH: 100 amino aci
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PRIOR APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     MOLECULE TYPE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 REFERENCE/DOCKET NUMBER: 20
TELECOMMUNICATION INFORMATION:
TELEPHONE: (213) 489-1600
                                                                                                                           CORRESPONDENCE ADDRESS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             NAME: Warburg Richard
                                                                                                                                         TUMBER OF SEQUENCES:
OMPUTER READABLE FORM:
                                                                                                                                                     ITLE OF INVENTION: NUCLEIC METHODS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   TELEPHONE: (213) 955-0440
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           APPLICATION NUMBER: 07/855,389
FILING DATE: March 20, 1992
APPLICATION NUMBER: PCT/US93/02725
FILING DATE: March 19, 1993
                COUNTRY: U.S.A. ZIP: 90071-2066
                                                           ADDRESSEE: Lyon & Lyon
STREET: 633 West Fifth Street
STREET: Suite 4700
CITY: Los Angeles
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Local Similarity
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       OTHER INFORMATION: OTHER INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      TOPOLOGY:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        NAME: Warburg, Richard J.
REGISTRATION NUMBER: 32,327
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         FILING DATE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       APPLICATION NUMBER:
                                             STATE: California
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                                                                                                                                                                                                                                                                                                                                                                                                                            ККАЕКАУАК-КАКААКЕККАУАККЕАКАУКААЕАКККАКАЕАККУАКЕААКАККЕАУКАЕ 64
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Smith, Louis C.
                                                                                                                                                                                    Cristiano, Richard J. Gottchalk, Stephen
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                                                                                                                                                        ACID TRANSPORTER SYSTEMS OF USE
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US-08-462-040-64
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INFORMATION FOR SEQ ID NO: (
SEQUENCE CHARACTERISTICS:
LENGTH: 100 aming
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Best Local Similarity 55.0
Matches 55; Conservative
                                                                                                                                                                                                                                                                                                                                                             Sequence 64,
                                                                                                                                                                                                                                                                                                                               GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                 tent No.
                COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
MEDIUM TYPE: storage
                                                                                                                                                                                                                      APPLICANT: Gottchalk, Stephen TITLE OF INVENTION: NUCLEIC ACID THE TITLE OF INVENTION: METHODS OF USE
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            TELECOMMUNICATION INFORMATION: TELEPHONE: (213) 489-1600
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    FEATURE:
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ATTORNEY/AGENT INFORMATION:
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                                                                                                                                                                                                         NUMBER OF SEQUENCES:
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FILING DATE: June 5, 1995
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     TYPE: amino acid
STRANDEDNESS: single
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REGISTRATION NUMBER: 32,327
DEFEDENCE/DOCKET NUMBER: 21
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 APPLICATION NUMBER: 08/167,641 FILING DATE: December 14, 1993 APPLICATION NUMBER: 07/855,389
                                                                                                                                                       STREET:
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MEDIUM TYPE: storage
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                                                                                                                                                                       ADDRESSEE:
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                                                                        90071-2066
                                                                                                    Los Angeles
California
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                                                                                                                                     EE: Lyon & Lyon
633 West Fifth Street
Suite 4700
                                                                                                                                                                                                                                                                                                                                                               Application US/08462040
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                                                                                                                                                                                                                                                          Smith, Louis C.
Cristiano, Richard J.
Gottchalk, Stephen
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IBM Compatible
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March 20, 1992
TMMHER: PCT/US93/02725
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Pred. No. 1.6e-08;
8; Mismatches 34
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APPLICATION NUMBER: 08/167,641
FILING DATE: December 14,1993
APPLICATION NUMBER: 0,1993
FILING DATE: March 20, 1992
APPLICATION NUMBER: PCT/US93/02725
FILING DATE: March 19, 1993
ATTORNEY/AGENT INFORMATION:
NAME: Warburg, Richard J.
REFERENCE/DOCKET NUMBER: 212/078
TELEPHONE: (213) 489-1600
TELEFAX: (213) 489-1600
TELEFAX: (213) 489-1600
TELEFAX: (213) 495-0440
TELEFAX: (213) 955-0440
TELEFAX: 67-3510
INFORMATION FOR SEQ ID NO: 64:
SEQUENCE CHARACTERISTICS:
LENGTH: 100 amino acids
TYPE: amino acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: peptide
FEATURE:
OTHER INFORMATION: "Lys Ala" in positions 3 to 100 may be
OTHER INFORMATION: present or absent.
US-08-462-040-64
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                                                                                                                                                                                Query Match 34.6%; Score 179.5; DB 3; Length 100; Best Local Similarity 55.0%; Pred. No. 1.6e-08; Matches 55; Conservative 8; Mismatches 34; Indels 3
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    OPERATING SYSTEM: IBM P.C. DOS 5.0 SOFTWARE: FastSEQ for Windows 2.0 CURRENT APPLICATION DATA: APPLICATION NUMBER: US/08/462,040 FILING DATE: June 5, 1995 CLASSIFICATION: 536 PRIOR APPLICATION DATA:
    0
                              65 AKKYAKA-AKAEKKEYAAAEAKKAEAAKAYKAEAAKAAAK 103
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Search completed: July 27, 2005, 01:26:48 Job time: 33.1941 secs